

**US Army Corps
of Engineers**
Jacksonville District

DRAFT

03/29/00

**8.5 Square Mile Area (SMA)
Hydraulic and Hydrogeologic
Model Report
APPENDIX A**

**Prepared for the South Florida
Water Management District and
the U.S. Department of Interior**

**Prepared by the U.S. Army Corps
of Engineers,
Jacksonville District**

Prepared by Robert A. Evans and Jessica M. Files of the Hydrology and
Hydraulics Branch

Christopher J. Brown, P.E., and Jacob Davis of the Geotechnical Branch

Introduction.....	13
Problem Identification	13
Model Selection & Utilization	13
Model Development & Calibration	14
Model Inputs & Assumptions	14
Topography.....	15
Hydrogeology.....	15
Rainfall, Recharge and Evapotranspiration	16
Water Sources and Sinks	17
Canal Structures and Operations	18
Model Limitations	19
Project Schedule.....	20
Rainfall boundary conditions	20
Evapotranspiration boundary conditions	20
Variable head boundary conditions	21
Geologic parameters.....	21
Canal leakance and hydraulic parameters	21
Structure operations and implementation.....	21
Topography.....	21
Description of Alternatives to be Evaluated	22
Alternative # 1	22
Alternative # 2.....	22
Alternative # 3.....	22
Alternative # 4.....	23
Alternative # 5.....	23
Alternative # 6.....	23
Alternative # 7	24
Alternative # 8.....	24
Alternative # 9.....	25
Description of Base Conditions and the No-Action Alternative.....	25
Description of Hydraulic and Hydrogeologic Performance Measures	25
Evaluate effects on hydropatterns in Northeast Shark River Slough	26
Evaluate Impacts to the landowners and residents of the 8.5 SMA resulting from implementation of the Modified Water Delivery Project.....	28
Analyze the effects to Ecological Functions	30
Evaluate effects on conditions favorable to Federal and State listed Endangered Species survival.....	31
Measure compatibility with the Comprehensive Everglades Restoration Plan and the C-111 Project without adversely impacting the current level of flood protection east of L-31North.....	32
Performance of the Alternatives	33

Alternative # 1 – No-Action Alternative.....	33
Alternative # 2 – Potential LPA	35
Alternative # 3 – Potential LPA	38
Alternative # 4, Alternative # 5 & Alternative # 7 – Potential LPAs	40
Alternative # 6 – Potential LPA	42
Alternative # 8 – Potential LPA	45
Alternative # 9 – See alternative # 1 and alternative # 2B.....	47
TABLES	47
FIGURES	47
References	48

List of Tables

Table 1	Groundwater Stage at Selected Indicator Cells- Base95bc_Exist_95_95ops
Table 2	Groundwater Stage at Selected Indicator Cells- Base83bc_Exist_95_83ops
Table 3	Groundwater Stage at Selected Indicator Cells- D13Rbc_Plan1_95_95ops
Table 4	Groundwater Stage at Selected Indicator Cells- Base95bc_Exist_89_95ops
Table 5	Groundwater Stage at Selected Indicator Cells- Base83bc_Exist_89_83ops
Table 6	Groundwater Stage at Selected Indicator Cells- D13Rbc_Plan1_89_95ops
Table 7	Minimum Weekly Average Groundwater Head – 1995
Table 8	4-Week Average Around Minimum Weekly Average GW Head – 1995
Table 9	Week of Minimum Weekly Average Groundwater Head – 1995
Table 10	Maximum Weekly Average Groundwater Head – 1995
Table 11	4-Week Average Around Maximum Weekly Average GW Head – 1995
Table 12	Week of Maximum Weekly Average Groundwater Head – 1995
Table 13	Maximum Weekly Average Groundwater Head – 1989
Table 14	4-Week Average Around Maximum Weekly Average GW Head – 1989
Table 15	Week of Maximum Weekly Average Groundwater Head – 1989
Table 16	Minimum Weekly Average Groundwater Head – 1989
Table 17	4-Week Average Around Minimum Weekly Average GW Head – 1989
Table 18	Week of Minimum Weekly Average Groundwater Head – 1989
Table 19	Average Annual Depth & Average Annual Storage in NESRS – 1995
Table 20	Average Annual Depth & Average Annual Storage in NESRS – 1995

Table 21	Average Annual Depth & Average Annual Storage in NESRS – 1989
Table 22	Average Annual Depth & Average Annual Storage in NESRS – 1989 Resource lost or Gained Compared to Plan 1
Table 23	Wetland Acreage within NESRS
Table 24	Wetland Acreage within NESRS Compared to Base 83
Table 25	Wetland Acreage within NESRS Compared to Base 95
Table 26	Wetland Acreage within NESRS Compared to Plan 1
Table 27	Number of Consecutive Days Water is Below Ground Surface at Select CSSS Area F Indicator Cells – 1995
Table 28	Total Number of Days Water is Above Ground Surface at Select CSSS Area F Indicator Cells – 1995
Table 29	Number of Consecutive Days Water is Below Ground Surface at Select CSSS Area F Indicator Cells – 1989
Table 30	Total Number of Days Water is Above Ground Surface at Select CSSS Area F Indicator Cells – 1989
Table 31	S-331 Monthly Discharge Volumes – 1989
Table 32	S-331 Monthly Discharge Volumes – 1995
Table 33	S-173 Monthly Discharge Volumes – 1989
Table 34	S-173 Monthly Discharge Volumes – 1995
Table 35	Groundwater Stage at Selected Indicator Cells- D13Rbc_Plan2B_95_95ops
Table 36	Groundwater Stage at Selected Indicator Cells- D13Rbc_Plan2B_89_95ops
Table 37	Groundwater Stage at Selected Indicator Cells- D13Rbc_Plan3_95_95ops
Table 38	Groundwater Stage at Selected Indicator Cells- D13Rbc_Plan3_89_95ops
Table 39	Groundwater Stage at Selected Indicator Cells- D13Rbc_C-111_356_95_95ops
Table 40	Groundwater Stage at Selected Indicator Cells- D13Rbc_C-111_356_89_95ops
Table 41	Groundwater Stage at Selected Indicator Cells- D13Rbc_Plan6B_95_95ops
Table 42	Groundwater Stage at Selected Indicator Cells- D13Rbc_Plan6B_89_95ops
Table 43	Groundwater Stage at Selected Indicator Cells- D13Rbc_Plan8A_95_95ops
Table 44	Groundwater Stage at Selected Indicator Cells- D13Rbc_Plan8A_89_95ops
Table 45	8.5 SMA Mitigation: Plan 1 Compared to Base 83 – Weeks 1-52

Table 46	8.5 SMA Mitigation: Plan 2B Compared to Base 83 – Weeks 1-52
Table 47	8.5 SMA Mitigation: Plan 3 Compared to Base 83 – Weeks 1-52
Table 48	8.5 SMA Mitigation: Plans 4,5,7 Compared to Base 83 – Weeks 1-52
Table 49	8.5 SMA Mitigation: Plan 6B Compared to Base 83 – Weeks 1-52
Table 50	8.5 SMA Mitigation: Plan 8A Compared to Base 83 – Weeks 1-52
Table 51	8.5 SMA Mitigation: Plan 9 Compared to Base 83 – Weeks 1-52
Table 52	8.5 SMA Mitigation: Plan 1 Compared to Base 83 – Weeks 21-37
Table 53	8.5 SMA Mitigation: Plan 2B Compared to Base 83 – Weeks 21-37
Table 54	8.5 SMA Mitigation: Plan 3 Compared to Base 83 – Weeks 21-37
Table 55	8.5 SMA Mitigation: Plans 4,5,7 Compared to Base 83 – Weeks 21-37
Table 56	8.5 SMA Mitigation: Plan 6B Compared to Base 83 – Weeks 21-37
Table 57	8.5 SMA Mitigation: Plan 8A Compared to Base 83 – Weeks 21-37
Table 58	8.5 SMA Mitigation: Plan 9 Compared to Base 83 – Weeks 21-37
Table 59	8.5 SMA Mitigation: Plan 1 Compared to Base 95 – Weeks 1-52
Table 60	8.5 SMA Mitigation: Plan 2B Compared to Base 95 – Weeks 1-52
Table 61	8.5 SMA Mitigation: Plan 3 Compared to Base 95 – Weeks 1-52
Table 62	8.5 SMA Mitigation: Plans 4,5,7 Compared to Base 95 – Weeks 1-52
Table 63	8.5 SMA Mitigation: Plan 6B Compared to Base 95 – Weeks 1-52
Table 64	8.5 SMA Mitigation: Plan 8A Compared to Base 95 – Weeks 1-52
Table 65	8.5 SMA Mitigation: Plan 9 Compared to Base 95 – Weeks 1-52
Table 66	8.5 SMA Mitigation: Plan 1 Compared to Base 95 – Weeks 21-37
Table 67	8.5 SMA Mitigation: Plan 2B Compared to Base 95 – Weeks 21-37
Table 68	8.5 SMA Mitigation: Plan 3 Compared to Base 95 – Weeks 21-37
Table 69	8.5 SMA Mitigation: Plans 4,5,7 Compared to Base 95 – Weeks 21-37
Table 70	8.5 SMA Mitigation: Plan 6B Compared to Base 95 – Weeks 21-37
Table 71	8.5 SMA Mitigation: Plan 8A Compared to Base 95 – Weeks 21-37
Table 72	8.5 SMA Mitigation: Plan 9 Compared to Base 95 – Weeks 21-37
Table 73	Spatial Changes in NESRS Hydroperiod – Compared to Base95 and Plan 1
Table 74	Spatial Changes in NESRS Depth – Compared to Base95 and Plan 1
Table 75	Hydroperiods of Selected Model Indicator Cells

List of Figures

Figure 1	Model Study Area
Figure 2	Modbranch Model Boundary
Figure 3	Modbranch Model Grid
Figure 4	Excerpts from Calibration Report – Structure G-211
Figure 5	Excerpts from Calibration Report – Structure S-331
Figure 6	Regional Topography Utilized in Modbranch Model
Figure 7	Detailed Topography in 8.5 SMA Based on 1986 COE Survey
Figure 8	Modbranch Model Hydrogeology – Elevation of Biscayne Aquifer Bottom
Figure 9	Modbranch Model Hydrogeology – Ortho View
Figure 10	Modbranch Model Hydrogeology – Aquifer Conductivity for Layer 2
Figure 11	Modbranch Model Hydrogeology – Aquifer Transmissivity for Layer 3
Figure 12	Rainfall Data – Average Rainfall for 1986, 1989, and 1995
Figure 13	Rainfall Data – Cumulative Rainfall for 1986, 1989, and 1995
Figure 14	Modbranch Model Groundwater Sources and Sinks
Figure 15	8.5 SMA – Alternative 1
Figure 16	8.5 SMA – Alternative 2
Figure 17	8.5 SMA – Alternative 3
Figure 18	8.5 SMA – Alternative 4
Figure 19	8.5 SMA – Alternative 5
Figure 20	8.5 SMA – Alternative 6
Figure 21	8.5 SMA – Alternative 7
Figure 22	8.5 SMA – Alternative 8
Figure 23	8.5 SMA – Alternative 9
Figure 24	Key SEIS Modbranch Model Indicator Cells
Figure 25	Extent of Performance Measure Evaluation Area
Figure 26	Cape Sable Seaside Sparrow Areas of Concern
Figure 27	Hydrograph - Weekly Average Groundwater Stage at Cell 20457
Figure 28	Hydrograph - Weekly Average Groundwater Stage at Cell 20737
Figure 29	Hydrograph - Weekly Average Groundwater Stage at Cell 20743

Figure 30	Hydrograph - Weekly Average Groundwater Stage at Cell 20726
Figure 31	Hydrograph - Weekly Average Groundwater Stage at Cell 20980
Figure 32	Hydrograph - Weekly Average Groundwater Stage at Cell 21277
Figure 33	Hydrograph - Weekly Average Groundwater Stage at Cell 21529
Figure 34	Hydrograph - Weekly Average Groundwater Stage at Cell 21259
Figure 35	Hydrograph - Weekly Average Groundwater Stage at Cell 21891
Figure 36	Hydrograph - Weekly Average Groundwater Stage at Cell 22335
Figure 37	Hydrograph - Weekly Average Groundwater Stage at Cell 22325
Figure 38	Hydrograph - Weekly Average Groundwater Stage at Cell 20297
Figure 39	Hydrograph - Weekly Average Groundwater Stage at Cell 20477
Figure 40	Hydrograph - Weekly Average Groundwater Stage at Cell 20838
Figure 41	Hydrograph - Weekly Average Groundwater Stage at Cell 21017
Figure 42	Hydrograph - Weekly Average Groundwater Stage at Cell 20925
Figure 43	Hydrograph - Weekly Average Groundwater Stage at Cell 21105
Figure 44	Hydrograph - Weekly Average Groundwater Stage at Cell 21007
Figure 45	Hydrograph - Weekly Average Groundwater Stage at Cell 20469
Figure 46	Hydrograph - Weekly Average Groundwater Stage at Cell 21094
Figure 47	Hydrograph - Weekly Average Groundwater Stage at Cell 19761
Figure 48	Hydrograph - Weekly Average Groundwater Stage at Cell 19766
Figure 49	Hydrograph - Weekly Average Groundwater Stage at Cell 20031
Figure 50	Hydrograph - Weekly Average Groundwater Stage at Cell 20036
Figure 51	Hydrograph - Weekly Average Groundwater Stage at Cell 20390
Figure 52	Hydrograph - Weekly Average Groundwater Stage at Cell 20396
Figure 53	Hydrograph - Weekly Average Groundwater Stage at Cell 20931
Figure 54	Hydrograph - Weekly Average Groundwater Stage at Cell 20936
Figure 55	Hydrograph - Weekly Average Groundwater Stage at Cell 21271
Figure 56	Hydrograph - Weekly Average Groundwater Stage at Cell 21791
Figure 57	Hydrograph - Weekly Average Groundwater Stage at Cell 20890
Figure 58	Hydrograph - Weekly Average Groundwater Stage at Cell 19990
Figure 59	Hydrograph - Weekly Average Groundwater Stage at Cell 20378
Figure 60	Hydrograph - Weekly Average Groundwater Stage at Cell 24577

Figure 61	Hydrograph - Weekly Average Groundwater Stage at Cell 24587
Figure 62	Hydrograph - Weekly Average Groundwater Stage at Cell 19177
Figure 63	Hydrograph - Weekly Average Groundwater Stage at Cell 19213
Figure 64	Hydrograph - Weekly Average Groundwater Stage at Cell 20357
Figure 65	Hydrograph - Weekly Average Groundwater Stage at Cell 20206
Figure 66	Hydrograph - Weekly Average Groundwater Stage at Cell 20350
Figure 67	Hydrograph - Weekly Average Groundwater Stage at Cell 20900
Figure 68	Hydrograph - Weekly Average Groundwater Stage at Cell 20457
Figure 69	Hydrograph - Weekly Average Groundwater Stage at Cell 20737
Figure 70	Hydrograph - Weekly Average Groundwater Stage at Cell 20743
Figure 71	Hydrograph - Weekly Average Groundwater Stage at Cell 20726
Figure 72	Hydrograph - Weekly Average Groundwater Stage at Cell 20980
Figure 73	Hydrograph - Weekly Average Groundwater Stage at Cell 21277
Figure 74	Hydrograph - Weekly Average Groundwater Stage at Cell 21529
Figure 75	Hydrograph - Weekly Average Groundwater Stage at Cell 21259
Figure 76	Hydrograph - Weekly Average Groundwater Stage at Cell 21891
Figure 77	Hydrograph - Weekly Average Groundwater Stage at Cell 22335
Figure 78	Hydrograph - Weekly Average Groundwater Stage at Cell 22325
Figure 79	Hydrograph - Weekly Average Groundwater Stage at Cell 20297
Figure 80	Hydrograph - Weekly Average Groundwater Stage at Cell 20477
Figure 81	Hydrograph - Weekly Average Groundwater Stage at Cell 20838
Figure 82	Hydrograph - Weekly Average Groundwater Stage at Cell 21017
Figure 83	Hydrograph - Weekly Average Groundwater Stage at Cell 20925
Figure 84	Hydrograph - Weekly Average Groundwater Stage at Cell 21105
Figure 85	Hydrograph - Weekly Average Groundwater Stage at Cell 21007
Figure 86	Hydrograph - Weekly Average Groundwater Stage at Cell 20469
Figure 87	Hydrograph - Weekly Average Groundwater Stage at Cell 21094
Figure 88	Hydrograph - Weekly Average Groundwater Stage at Cell 19761
Figure 89	Hydrograph - Weekly Average Groundwater Stage at Cell 19766
Figure 90	Hydrograph - Weekly Average Groundwater Stage at Cell 20031
Figure 91	Hydrograph - Weekly Average Groundwater Stage at Cell 20036

Figure 92	Hydrograph - Weekly Average Groundwater Stage at Cell 20390
Figure 93	Hydrograph - Weekly Average Groundwater Stage at Cell 20396
Figure 94	Hydrograph - Weekly Average Groundwater Stage at Cell 20931
Figure 95	Hydrograph - Weekly Average Groundwater Stage at Cell 20936
Figure 96	Hydrograph - Weekly Average Groundwater Stage at Cell 21271
Figure 97	Hydrograph - Weekly Average Groundwater Stage at Cell 21791
Figure 98	Hydrograph - Weekly Average Groundwater Stage at Cell 20890
Figure 99	Hydrograph - Weekly Average Groundwater Stage at Cell 19990
Figure 100	Hydrograph - Weekly Average Groundwater Stage at Cell 20378
Figure 101	Hydrograph - Weekly Average Groundwater Stage at Cell 24577
Figure 102	Hydrograph - Weekly Average Groundwater Stage at Cell 24587
Figure 103	Hydrograph - Weekly Average Groundwater Stage at Cell 19177
Figure 104	Hydrograph - Weekly Average Groundwater Stage at Cell 19213
Figure 105	Hydrograph - Weekly Average Groundwater Stage at Cell 20357
Figure 106	Hydrograph - Weekly Average Groundwater Stage at Cell 20206
Figure 107	Hydrograph - Weekly Average Groundwater Stage at Cell 20350
Figure 108	Hydrograph - Weekly Average Groundwater Stage at Cell 20900
Figure 109	Model Indicator Cells – Evaluation of Duration of Continuous Inundation
Figure 110	Duration of Continuous Inundation > 0.2 ft – Base95, Wet Year
Figure 110b	Duration of Continuous Inundation > 0.0 ft – Base95, Wet Year
Figure 111	Duration of Continuous Inundation > 0.2 ft – Base83, Wet Year
Figure 111b	Duration of Continuous Inundation > 0.0 ft – Base83, Wet Year
Figure 112	Duration of Continuous Inundation > 0.2 ft – Plan 1, Wet Year
Figure 112b	Duration of Continuous Inundation > 0.0 ft – Plan 1, Wet Year
Figure 113	Duration of Continuous Inundation > 0.2 ft – Base95, Dry Year
Figure 113b	Duration of Continuous Inundation > 0.0 ft – Base95, Dry Year
Figure 114	Duration of Continuous Inundation > 0.2 ft – Base83, Dry Year
Figure 114b	Duration of Continuous Inundation > 0.0 ft – Base83, Dry Year
Figure 115	Duration of Continuous Inundation > 0.2 ft – Plan 1, Dry Year
Figure 115b	Duration of Continuous Inundation > 0.0 ft – Plan 1, Dry Year
Figure 116	Comparison of NESRS Average Annual Storage for Wet Year

Figure 117	Comparison of NESRS Average Annual Storage for Dry Year
Figure 118	Inundation Map Plan 1 – Week 26
Figure 118b	Inundation Map Plan 1 – Week 23
Figure 118c	Root Zone Inundation Map Plan 1 – Week 23
Figure 119	Base 83 Mitigation Map Plan 1 – Week 26
Figure 119b	Base 95 Mitigation Map Plan 1 – Week 26
Figure 120	Estimated Wetland Types in NESRS by Project Alternative
Figure 121	Wetland Resource Gain or Loss, Plans versus Base 83
Figure 122	Wetland Resource Gain or Loss, Plans versus Base 95
Figure 123	Wetland Resource Gain or Loss, LPAs versus Plan 1
Figure 124	Hydroperiod Map for Base 95
Figure 125	Hydroperiod Map for Base 83
Figure 126	Hydroperiod Map for Plan 1
Figure 127	Extent of Wetlands for Base 95
Figure 128	Extent of Wetlands for Base 83
Figure 129	Extent of Wetlands for Plan 1
Figure 130	Number of Days Water Surface Elevation is Below Ground Surface during the Wet Year – CSSS Indicator Cells in Area F
Figure 131	Total Number of Days Water Surface Elevation is Above Ground Surface during the Wet Year – CSSS Indicator Cells in Area F
Figure 132	Number of Days Water Surface Elevation is Below Ground Surface during the Dry Year – CSSS Indicator Cells in Area F
Figure 133	Total Number of Days Water Surface Elevation is Above Ground Surface during the Dry Year – CSSS Indicator Cells in Area F
Figure 134	Duration of Continuous Inundation > 0.2 ft – Plan 2B, Wet Year
Figure 134b	Duration of Continuous Inundation > 0.0 ft – Plan 2B, Wet Year
Figure 135	Duration of Continuous Inundation > 0.2 ft – Plan 2B, Dry Year
Figure 135b	Duration of Continuous Inundation > 0.0 ft – Plan 2B, Dry Year
Figure 136	Inundation Map Plan 2B – Week 26
Figure 136b	Inundation Map Plan 2B – Week 23
Figure 136c	Root Zone Inundation Map Plan 2B – Week 23

Figure 137	Base 83 Mitigation Map Plan 2B – Week 26
Figure 137b	Base 95 Mitigation Map Plan 2B – Week 26
Figure 138	Hydroperiod Map for Plan 2B
Figure 139	Extent of Wetlands for Plan 2B
Figure 140	Duration of Continuous Inundation > 0.2 ft – Plan 3, Wet Year
Figure 140b	Duration of Continuous Inundation > 0.0 ft – Plan 3, Wet Year
Figure 141	Duration of Continuous Inundation > 0.2 ft – Plan 3, Dry Year
Figure 141b	Duration of Continuous Inundation > 0.0 ft – Plan 3, Dry Year
Figure 142	Inundation Map Plan 3 – Week 26
Figure 142b	Inundation Map Plan 3 – Week 23
Figure 142c	Root Zone Inundation Map Plan 3 – Week 23
Figure 143	Base 83 Mitigation Map Plan 3 – Week 26
Figure 143b	Base 95 Mitigation Map Plan 3 – Week 26
Figure 144	Hydroperiod Map for Plan 3
Figure 145	Extent of Wetlands for Plan 3
Figure 146	Duration of Continuous Inundation > 0.2 ft – Plan 4, Wet Year
Figure 146b	Duration of Continuous Inundation > 0.0 ft – Plan 4, Wet Year
Figure 147	Duration of Continuous Inundation > 0.2 ft – Plan 4, Dry Year
Figure 147b	Duration of Continuous Inundation > 0.0 ft – Plan 4, Dry Year
Figure 148	Inundation Map Plan 4 – Week 26
Figure 148b	Inundation Map Plan 4 – Week 23
Figure 148c	Root Zone Inundation Map Plan 4 – Week 23
Figure 149	Base 83 Mitigation Map Plan 4 – Week 26
Figure 149b	Base 95 Mitigation Map Plan 4 – Week 26
Figure 150	Hydroperiod Map for Plan 4
Figure 151	Extent of Wetlands for Plan 4
Figure 152	Duration of Continuous Inundation > 0.2 ft – Plan 6B, Wet Year
Figure 152b	Duration of Continuous Inundation > 0.0 ft – Plan 6B, Wet Year
Figure 153	Duration of Continuous Inundation > 0.2 ft – Plan 6B, Dry Year
Figure 153b	Duration of Continuous Inundation > 0.0 ft – Plan 6B, Dry Year
Figure 154	Inundation Map Plan 6B – Week 26

Figure 154b	Inundation Map Plan 6B – Week 23
Figure 154c	Root Zone Inundation Map Plan 6B – Week 23
Figure 155	Base 83 Mitigation Map Plan 6B – Week 26
Figure 155b	Base 95 Mitigation Map Plan 6B – Week 26
Figure 156	Hydroperiod Map for Plan 6B
Figure 157	Extent of Wetlands for Plan 6B
Figure 158	Duration of Continuous Inundation > 0.2 ft – Plan 8A, Wet Year
Figure 158b	Duration of Continuous Inundation > 0.0 ft – Plan 8A, Wet Year
Figure 159	Duration of Continuous Inundation > 0.2 ft – Plan 8A, Dry Year
Figure 159b	Duration of Continuous Inundation > 0.0 ft – Plan 8A, Dry Year
Figure 160	Inundation Map Plan 8A – Week 26
Figure 160b	Inundation Map Plan 8A – Week 23
Figure 160c	Root Zone Inundation Map Plan 8A – Week 23
Figure 161	Base 83 Mitigation Map Plan 8A – Week 26
Figure 161b	Base 95 Mitigation Map Plan 8A – Week 26
Figure 162	Hydroperiod Map for Plan 8A
Figure 163	Extent of Wetlands for Plan 8A

Introduction

As part of the Modified Water Deliveries to Everglades National Park project, a General Design Memorandum (GDM) and Environmental Impact Study was prepared for flood mitigation for the 8.5 Square Mile Area (SMA). This area is located west of Homestead and adjacent to the Everglades National Park (ENP) (Figure 1). The 8.5 Square Mile Area (8.5 SMA) has been studied extensively by the U.S. Army Corps of Engineers and others in an attempt to address intermittent flooding problems that have occurred there. As part of the Modified Water Delivery project, additional water will be diverted to ENP through structures on Canal C-4. This additional water will be utilized for the purposes of environmental restoration of ENP. As result of the additional water, water stages (levels) will increase in ENP. This increase in stage will cause additional flooding within the 8.5 SMA. The original General Design Memorandum was prepared in order to address the estimated increase in stage expected within the 8.5 SMA. The original GDM developed a flood mitigation system to remove the excess water associated with the Modified Water Delivery project. This flood mitigation system has never been implemented and will be re-evaluated as part of this report.

Problem Identification

The recommended flood mitigation system for the 8.5 SMA has never been implemented. This report will evaluate additional alternatives that may be constructed instead of the authorized plan. Through the public participation process and coordination with interested stake-holders, nine supplemental alternatives were identified for evaluation. The alternatives range from re-evaluating the original GDM plan to total buy-out of the entire affected area.

Model Selection & Utilization

Because of the complex interaction between the Biscayne Aquifer and various drainage canals in the study area, simulations were done using the MODBRANCH model. This model code was originally developed by the United States Geological Survey. MODBRANCH is a hybrid code that couples MODFLOW, a three-dimensional groundwater flow model with Branch, an one-

dimensional canal routing model. E. D. Swain and E. J. Wexler of the United States Geological Survey (USGS) coupled the models. More information on the creation of MODBRANCH may be found in "A Coupled Surface-Water and Ground-Water Flow Model for Simulation of Stream-Aquifer Interaction," (Swain and Wexler, USGS Open File Report 92-138). Further modifications were added to more accurately model the area of South Florida.

Figure 2 shows the model domain on top of an aerial photograph of the area. This figure illustrates the complexity of the area. Land elevations vary from the high Atlantic Ridge to the low Everglades. Land use varies from urban to suburban to agricultural to wilderness.

Both, ground water and overland flow are simulated by the MODFLOW part of MODBRANCH. MODFLOW is a psuedo-three-dimensional, finite difference, ground water model (McDonald and Harbaugh, 1988). This model requires defining a model "grid" of specified numbers of rows, columns, and layers. The width of each row or column is determined by required resolution in specific areas. The model grid is shown in figure 3. The domain runs north and south from approximately 3 miles north of the Tamiami Trail (C-4) to Florida Bay. The western boundary is approximately 4.75 miles west of the L-67 Extension and runs eastward to Biscayne Bay. The model grid is made up of 103 rows, 90 columns, and 3 layers. The grid resolution varies in the horizontal from 431 to 10560 feet and in the vertical from 673 to 10560 feet. Levees are defined by using the *horizontal flow barrier* package of MODFLOW.

Model Development & Calibration

The U.S. Army Corps of Engineers in Jacksonville made additional model refinements and calibrated the model utilizing available field data from 1986, 1989 and 1995. Further information on the model development and the calibration can be found in "Calibration and Verification of the MODBRANCH Numerical Model of South Dade County, Florida" (Robert A. Evans, February 2000). Excerpts from the calibration report are shown on Figures 4 and 5. These figures depict calibration data for structures G-211 and S-331. Over 100 data points were utilized in the original calibration report. G-211 and S-331 are shown for informational purposes.

Model Inputs & Assumptions

A lot of data is required to construct any numerical model. For the MODBRANCH model the input data and the assumptions are critical. For this study the required input data included topography, hydrogeology, rainfall, evapotranspiration, water sources, water sinks and behavior of various canal structures.

Topography

Elevation data were developed using various data sources by the Everglades National Park, the Corps of Engineers, and the United States Geological Survey. Included in these sources were East – West profile lines (approximately 2000 m apart) measured from April to June 1992 by Army Corps of Engineers Jacksonville District personnel. The topography developed for the MODBRANCH model is shown on [Figure 6](#).

Detailed evaluations of model results within the 8.5 SMA utilized additional elevation data generated in 1986 as part of the original GDM. These data were gathered using photogrammetry and represents the most accurate data set available for the 8.5 SMA. However, due to access problems and real estate issues, many of the spot elevations were recorded along existing road ways. Therefore, some of the lower elevations may have been missed as part of the original survey. A detailed topographic map of the 8.5 SMA based on these data is shown as [Figure 7](#).

Hydrogeology

The hydrogeology of the study area has been studied extensively by many investigators. The study area is underlain by the porous Biscayne Aquifer which is part of the Surficial Aquifer system. The location and extent of the Surficial Aquifer system has been defined by the Florida Geologic Survey based on recommendations of the Southeastern Geological Society in 1986. It consists of undifferentiated sand and gravel or marine limestone. In this case, the marine limestone of primary importance is the Biscayne Aquifer. The Biscayne Aquifer, of Pleistocene age, is the main potable aquifer in South Florida. It covers an area of approximately 4,000 square miles including all of Dade County (Randazzo & Jones, 1997). The Biscayne Aquifer consists of beds of highly permeable limestone and sandy-limestone of marine origin. The bottom of the Biscayne Aquifer is characterized by an abrupt change in sediment type where clays and marls of the Tamiami Formation or Hawthorn Formation are present. The Biscayne Aquifer is mostly an unconfined aquifer, although segments may exhibit semi-confined conditions initially. In general, the Biscayne Aquifer is well connected to surface water features including the various drainage canals that are located in the study area.

The MODBRANCH model utilizes three layers to define the hydrogeology of the study area. The top layer of the grid is used to simulate free surface, overland flow. As such, it is defined with a bottom elevation that is set at ground surface.

The second layer is considered to be the upper part of the Biscayne Aquifer. It begins at the ground surface and extends downward to various elevations. The third layer extends from these elevations to the bottom of the Biscayne aquifer.

The bottom elevations of the Biscayne aquifer are shown in [figure 8](#). An oblique view of the model domain and hydrogeology is shown in [figure 9](#).

The various hydraulic properties of the aquifers (layers 2 and 3) were derived primarily from “Hydrogeology of the Surficial Aquifer System, Dade County, Florida,” (Fish and Stewart, USGS Water-Resources Investigations Report 90-4108). The hydraulic properties (horizontal conductivity and storage) of the top layer were assigned in order to mimic overland flow as closely as possible. [Figures 10 and 11](#) depict contours of hydraulic conductivity and aquifer transmissivity in a logarithmic scale for layers 2 & 3. The scale is shown as $\log_{10}(K)$ or $\log_{10}(T)$, where K is the hydraulic conductivity (ft/day) and T is the aquifer transmissivity in ft^2/day . These data are presented in \log_{10} format due to the extreme range of values found in the area.

MODBRANCH simulates psuedo-three-dimensional ground water movement between adjacent aquifer layers through the use of a “vertical leakance” term. This term is calculated using a variation of a *harmonic mean* of the vertical conductivity. Additional information of the model leakance values may be reviewed in the model Calibration report (Evans, 2000).

Rainfall, Recharge and Evapotranspiration

The rainfall inputs were obtained directly from the SFWMM 2x2 [inputs](#). The evapotranspiration (ET) rates were obtained from SFWMM 2x2 [outputs](#). This was done in order to have rainfall and evapotranspiration that is not uniformly distributed and more accurately represents the patterns found in nature. Since the SFWMM 2x2 resolution is 2 miles and, in general, the MODBRANCH resolution is much smaller, the values of rainfall and evapotranspiration do not have the finest resolution possible for the MODBRANCH grid. However, the SFWMM 2x2 was the only source of these data available for the years under study. Rainfall is input as recharge directly into the model as is ET. Based on assigned extinction depths, rainfall and ET, net water flow into or out of the model is calculated. This water provides one the driving forces in the model.

The two years that were simulated for this study (1989 and 1995) represent a dry and a wet year, respectively. [Figures 12 and 13](#) show the daily average rainfall/acre and cumulative rainfall for 1989, 1995 and 1986 (an average year). For the purposes of this study, some modifications were made to the 1995 rainfall data. Specifically, a ten-day, 10-year rainfall was superimposed on the 1995 rainfall in order to approximate water stages that might be expected as part of the Standard Project Flood (SPF). This synthetic rain event was superimposed (began) at week 19 during the 1995 precipitation year and resulted in increases in stage of approximately 0.25 to 0.75 feet for the rest of the simulation year. The total rainfall for the event was approximately 14.33 inches, which increased the annual rainfall for the simulation year from 65 inches to 79

inches. This simulated rainfall would rank as one of the top five annual rainfalls on record, based on 103 years of data.

The application of both the rainfall and the ET can dramatically affect the ground water head fluctuations on both a day to day and long term basis. The values and approach used in this study were the best available at the time. The actual areal variation over time of both ET and rainfall is not known and the amount of error induced by this lack of information is not known.

Water Sources and Sinks

An important aspect of any model is the various boundary conditions. The boundaries represent sources or sinks for groundwater and surface water. Various types of boundary conditions can be simulated utilizing MODBRANCH. For the purposes of this study variable head boundaries were utilized along the northern and western edge of the model boundary, while the eastern and southern boundary utilized a variable head boundary representing the daily mean tide elevation. The data utilized to assign the boundaries on the western and northern model edges were imported from the SFWMM 2X2 model and interpolated to the model grid. The variable tidal heads assigned along the eastern ocean side of the model were determined by daily mean tide data. Additional boundary inputs include the flow and stage in various canals (discussed below) and the location of municipal water wells. A simplistic map of the various boundaries is shown as [figure 14](#). Further information of the development of various boundaries for the model is available in the model Calibration report (Evans, 2000).

Three main boundary sets were utilized for the study. They included a “restored” boundary using D13R stages and flows; a Base83 boundary using stages and flows that existed prior to implementation of the South Dade Conveyance System; and a Base95 boundary which approximates current conditions.

The main boundary set used for alternative design purposes was that of a “restored” boundary along the C-4 canal. The restored boundary approximates stages and flows into the MODBRANCH model that will occur once the Modified Water Deliveries project has been constructed and is operated. Since the exact configuration and operation of these improvements has not been fully evaluated at the time of this study, an appropriate restored boundary had to be selected. During technical team meetings involving interested stake holders, agencies and the Corps of Engineers, it was decided that a reasonable restored boundary could be represented by the D13R scenario developed during the Restudy. The Base83 and Base95 boundaries were utilized for a few simulations to allow alternative comparisons to these base years.

In order to keep track of all of the various model runs, a file naming convention was developed. The naming convention includes boundary type (D13Rbc, Base95bc, Base83bc), alternative name (existing, plan1, plan2, etc.), precipitation year (1995 or 1989), and structure operational scheme (1983 or 1995 operations). An example is provided for information purposes.

D13Rbc_Plan2B_1995_95ops

D13Rbc = Restored D13R boundary condition
Plan2B = Alternative # 2B
1995 = Precipitation year
95ops = 1995 structure operational scheme

Those plans that are named as D13Rbc_C-111_356_1995(89)_95ops refer to the “buyout” plan with S-356 pump station operating along C-4.

Canal Structures and Operations

The following paragraphs have been excerpted from the MODBRANCH Calibration report (Evans, 2000). The canal stages and flows simulated by MODBRANCH have been found to be not as accurate as predicted ground water stages. There are four primary reasons for this. The first is that the actual operation of the structures is not known completely and the rules may be ambiguous. The second is that the performance of the structures in the real world is not the same as the performance in the “model” world. The third is that the field measurements of flow rates are not as accurate as ground water stage measurements. The fourth is that the model structure operations frequently result in rapid increases and decreases of stages that are not found in the real world.

An example of the first case is the way in which structure G-211 is operated. The USACE SAJ web page (<http://hw2.saj.usace.army.mil/strdsc/g211.html>) describes this structure as “a manually operated structure with long response times and time-consuming operations. As a result, frequent gate operations at this structure are impracticable and stages outside this range may occur for several days.”

The model does not make a distinction between manually or automatically operated structures. The model operates such that whenever the structure “trigger” criteria are met, the structure will either open or close (Note: For the purpose of clarity, “open” refers to both opening a gate and turning on a pump. Similarly, “close” refers to closing a gate and turning off a pump). There will be no delay which would occur in the real world due to shift changes, travel time, etc. Two of the structures are remotely operated which indicates that the actual operation may fall between automatically and manually operated. The high number of manually operated structures is likely to be a significant source of discrepancy between model and field data.

Flows through the structures are computed using mathematical equations and turned on or off according to Boolean operations. This can induce errors if the structure parameters (culvert coefficient, weir coefficient, sill width, shape, etc.) are not accurately defined or known. The operation of the structures within the MODBRANCH model is both a numerical and incremental process. The “numerically” computed flow through a structure depends on the structure type, stage differentials, and structure “coefficients” as described above.

The process is “incremental” in that, once the specific criteria are met to open or close a structure, the structure opens in a certain number of time steps. The gradual opening or closing of structures maintains numerical stability. Many of the structures are opened or closed in incremental time steps (minimum duration of 1 hour), whereas, in the real world these structure operations occur in a fraction of the model time steps. Additionally, the opening (or closing) of a structure may change the trigger status such that in the next time step the structure will be closed (or opened). This frequently results in rapid oscillations of “flow/no-flow” through the structure. Rapidly opening and closing the structures does not occur in the real world, but it does in the model world. This is especially true of manually operated structures.

Flow rates measured through structures are frequently in error. Measured flow rates are normally a function of head differential (i.e., headwater versus tail water) and a structure rating curve. Therefore, the accuracy of the flow rates measured in the field depends primarily on the accuracy of the rating curves.

Model Limitations

All numerical model studies have limitations. Many of these are related to the specific computer code chosen for a particular study. Other limitations are related to the field data that is available or lack thereof. Lastly, model studies are also limited by the schedule dictated by project requirements. All of these limitations impart various sources of error or limit the evaluation to an appropriate level of detail. This model study does have limitations and should be used with caution. This study was not intended to be an exhaustive analysis of future operational schemes nor was it intended to be utilized for final design of any project alternative. Once an alternative has been selected as a Locally Preferred Alternative (LPA), it is recommended that further modeling be completed in order to optimize the selected plan. This modeling should be completed during final design and prior to construction.

A brief discussion of the limitations of this model study is included in the following paragraphs.

Project Schedule

The project schedule for this report was extremely short requiring numerous model runs and evaluations to be completed within approximately 4 months time. The MODBRANCH model is a very detailed model that reproduces real world results in a fairly accurate fashion. However, the detail and accuracy comes at a cost of long computational times. Each model run requires approximately 35 to 45 hours to complete on a Compaq DS20 workstation with dual alpha EV6 processors operating at 500 Mhz clock speed each. For this model study, approximately 80 separate model runs were completed utilizing various boundary conditions, structure operations, precipitation and alternatives. Those model runs required over **160 CPU days** of computer time. Due to the large amount of model runs completed and the vast amount of output generated, it was difficult to cull the data down to a usable format. An attempt was made to reduce the data as much as possible and utilize spreadsheets to organize various model runs. The data were reviewed to the extent practical and processed for use in various environmental restoration performance measures discussed below. In the end, additional evaluation time would have been helpful and may have resulted in an improved report.

Rainfall boundary conditions

The rainfall is an important parameter, especially in the region of south Florida. The amount and timing of rainfall greatly affects the increase or decrease in stage (ground water and canal) and flows within the system. The rainfall boundary conditions used for this study were the same that is used as inputs for the SFWMM 2x2, as mentioned above. The spatial resolution is 2 miles x 2 miles and the temporal resolution is 1 day. The MODBRANCH model would give much better results if finer resolution rainfall information were available. This is especially important for simulating ground water stages. Unfortunately, these data are not presently available. Future studies could include rainfall derived from NEXRAD or other methods, which would give rainfall at fine resolutions in both temporal and spatial terms.

Evapotranspiration boundary conditions

The evapotranspiration boundary conditions used were produced by the SFWMM 2x2. However, the monthly total evapotranspiration output by SFWMM 2x2 was used, as opposed to the rainfall, which was daily. Again, there was no better source for these data. The only way to get better evapotranspiration is to establish more data collections sites throughout the area. The total yearly evapotranspiration can equal or exceed the total rainfall for average and dry years, which means that evapotranspiration is an equally important boundary condition.

Variable head boundary conditions

The variable head boundaries, as mentioned above, were generated as a hybrid of SFWMM 2x2 output and tide data. Future model accuracy could be improved by using more observation wells and eliminating the inherent error found in using model output and harmonic tide data as boundary conditions.

Geologic parameters

South Florida's geology is extremely heterogeneous. Measurements and tests performed at one location can give distinctly different values when done 500 feet away. It is important to keep this in mind when considering the model results. The model considers the hydrogeologic parameters input to be homogenous within each grid cell. While hydraulic conductivity and transmissivity vary from cell to cell, each is isotropic within the cell. Additionally, the parameters do not vary significantly between adjacent cells, increasing the degree of homogeneity of the model. The real world is not homogenous. There are indications that there are preferential flow paths within the surficial aquifer including voids, fractures and cavities. These preferential flow paths are not represented by the model inputs. For this reason, the model results should be considered primarily on an areal basis, secondarily on a site-specific basis.

Canal leakance and hydraulic parameters

The canal leakance and other hydraulic parameters, which affect canal stage and flow, include Manning's n (roughness) and momentum coefficient. Nominal values of each were used throughout the study.

Structure operations and implementation

The affect of how the structures are operated and how they are numerically implemented is discussed above. Future refinement of structure operation routines, especially in opening and closing could result in better replication of field stages and flows.

Topography

The topography (as stated above) is a composite derived from Everglades National Park, Corps of Engineers, and USGS data sources. The accuracy of these data (on the order of 0.5 feet) can significantly affect both the results of the MODBRANCH model and the interpretation of the results. The model results can be affected by slight variations in elevations, since this would change the local

land slope. A small change in topography could cause a significant change in flow direction due to the small water gradients found in the area.

Description of Alternatives to be Evaluated

Nine project alternatives were evaluated as part of this model study. They are discussed in more detail elsewhere in this report, but a short summary of each alternative is included here for informational purposes.

Alternative # 1

This plan is a re-evaluation of the original mitigation plan presented in the GDM. It is formulated to serve as a flood mitigation alternative where residents within the 8.5 SMA would be protected against higher water stages that could result from implementation of the Modified Water Delivery project. The plan consists of a perimeter levee surrounding the entire 8.5 SMA, a seepage canal parallel to the levee, and a small interior levee to separate storm-water run off. The seepage canal would be connected to a proposed pump station (S-357) to be located at the intersection of the seepage canal and the L-31North canal. The S-357 pump station would pump 8.5 SMA flood waters north to the L-29 canal where another pump station (S-356) would “recycle” the flood waters into Northeast Shark River Slough. [Figure 15](#) depicts the main features of this plan superimposed on top of an aerial photo of the study area.

Alternative # 2

This plan is a modification of alternative # 1, where flood waters would be pumped south to the C-111 project instead of being pumped to the north. This plan is more consistent with the proposed Comprehensive Environmental Restoration Plan for the Everglades (COE, 1999), because it routes flood waters to the south as nature had intended. The plan consists of a perimeter levee surrounding the entire 8.5 SMA, a seepage canal parallel to the levee, and a small interior levee to separate storm-water run off. The seepage canal would be connected to a proposed pump station (S-357) to be located at the intersection of the seepage canal and the Richmond Drive. Flood waters would be pumped from S-357 into a series of pipes/swales and conveyed to the C-111 project area. [Figure 16](#) depicts the main features of this plan superimposed on top of an aerial photo of the study area.

Alternative # 3

This plan was formulated to function as a flood protection plan providing 1 in 10 year protection to the affected residents. For the 8.5 SMA, the 1 in 10 year flood protection level is complicated by the interaction of surface and ground water as well as the varied land use within the area. Houses, roads, and other structures are more directly affected by surface water, while septic tanks, and other subsurface facilities, as well as agriculture, are affected by ground water levels. Due to the relatively low elevations within the 8.5 SMA, interactions of surface water and ground water, effects of pumping and canal stages on ground water, and the varied nature of land use, for purposes of this analysis, a plan is considered to provide 10 year flood protection if it reduces the water levels to below ground level along the western, lower boundary of the protected area under a 10 year flood event. In addition, keeping the water levels below ground surface is consistent with the 1 in 10 year protection level defined by Dade County.

The plan consists of a perimeter levee surrounding the entire 8.5 SMA and a subsurface engineered hydraulic flow barrier system parallel or through the outer levee. The engineered barrier is envisioned to consist of a slurry wall, sheet pile wall or other similar system. Because of the hydraulic barrier, pump stations were not originally envisioned to be necessary as part of the plan. Because of the lack of pump stations, operations and maintenance of the system would be inexpensive. Flood waters would flow around the barrier system, thus providing some protection to area residents. [Figure 17](#) depicts the main features of this plan superimposed on top of an aerial photo of the study area.

Alternative # 4

This plan was formulated to function as a flood mitigation plan. The plan consists of compensating residents for increases water stages due to the Modified Water Delivery project. The compensation would be in the form of flowage easements, life estates or possibly buyout. [Figure 18](#) depicts the main features of this plan superimposed on top of an aerial photo of the study area.

Alternative # 5

This plan was formulated to function as a flood mitigation plan. The plan consists of removing residents (total buyout) from the flood zone prior to implementation of the Modified Water Delivery project. [Figure 19](#) depicts the main features of this plan superimposed on top of an aerial photo of the study area.

Alternative # 6

This plan was formulated to function as a flood control plan where protected residents would be afforded 1 in 10 year flood protection. For the 8.5 SMA, the 1

in 10 year flood protection level is complicated by the interaction of surface and ground water as well as the varied land use within the area. Houses, roads, and other structures are more directly affected by surface water, while septic tanks, and other subsurface facilities, as well as agriculture, are affected by ground water levels. Due to the relatively low elevations within the 8.5 SMA, interactions of surface water and ground water, effects of pumping and canal stages on ground water, and the varied nature of land use, for purposes of this analysis, a plan is considered to provide 10 year flood protection if it reduces the water levels to below ground level along the western, lower boundary of the protected area under a 10 year flood event. In addition, keeping the water levels below ground surface is consistent with the 1 in 10 year protection level defined by Dade County.

The plan consists of a perimeter levee surrounding a portion of the 8.5 SMA, a seepage canal parallel to the levee, and a small interior levee to separate storm-water run off. The seepage canal would be connected to a proposed pump station (S-357) to be located at the intersection of the seepage canal and the Richmond Drive. Flood waters would be pumped from S-357 into a series of pipes/swales and conveyed to the C-111 project area. This plan is more consistent with the proposed Comprehensive Environmental Restoration Plan for the Everglades (COE, 1999), because it routes flood waters to the south as nature had intended. [Figure 20](#) depicts the main features of this plan superimposed on top of an aerial photo of the study area.

Alternative # 7

This plan was formulated to function as a flood mitigation plan. Essentially, all roads in the area would be raised to approximately elevation 10 to 10.2 feet NGVD. The roads would be raised “in-kind” meaning that if a road is currently paved, the raised road will be paved; if it is currently dirt, the raised road will be dirt. Existing roads vary in elevation, but, many are constructed at approximately elevation 7 feet NGVD. Therefore, all of the roads would require some amount of raising so that they would not become inundated in the future and allow residents access to their homes if possible. The roads would have some culverts installed through them to ensure that no additional flooding is caused by a “bath tub” effect. Residents would also be compensated for higher water stages in some fashion through the use of flowage easements. [Figure 21](#) depicts the main features of this plan superimposed on top of an aerial photo of the study area.

Alternative # 8

This plan was formulated to function as a flood mitigation plan that utilizes the natural flood way to the extent practical. The plan consists of two levees located on the outside edges of the flood way and a pump station S-357. Flood waters would be routed through the flood way and pumped to the south through S-357. Pump Station S-357 would convey the flood waters into a spreader canal system

located in the C-111 buffer area. [Figure 22](#) depicts the main features of this plan superimposed on top of an aerial photo of the study area.

Alternative # 9

This plan was formulated to function as a flood mitigation plan. It is a combination of alternative # 1 and alternative # 2. It would be phased in so that alternative # 1 would be constructed first and operated with S-357A pumping flood waters to the north. At some point, once S-357B is operating, flood waters would be conveyed to the south as presented in alternative # 2. This alternative allows for a quicker implementation period, given that alternative # 1 is already authorized for construction. [Figure 23](#) depicts the main features of this plan superimposed on top of an aerial photo of the study area.

Description of Base Conditions and the No-Action Alternative

For the purposes of this study, base conditions and a no-action alternative had to be assigned. The base conditions and no-action alternative provide a frame of reference for comparing the performance of each alternative. As was stated earlier in this report, simulations were completed utilizing a range of boundaries, precipitation and structure operational criteria. Two base conditions have been recognized as important for any model study in this study area. These are the Base83 and the Base95. These two conditions have been discussed at length in many other reports and it has been concluded that they provide a good comparison base. For this study, alternative # 1 has been assigned as the “no-action” alternative because it has been authorized for implementation. All other alternatives (2 through 9) are potential locally preferred alternatives (LPAs), which may be constructed in-place of alternative # 1.

For the purposes of this study, the C-111 project was included in the model simulations along with all of the alternatives. The operations of C-111 were estimated based on other projects in the vicinity and engineering judgement. The final operation of the C-111 pump stations and detention ponds will require further study beyond the scope of this effort. Although the C-111 project has not been constructed yet, it represents a large change in the local flow regime, which could affect the study area. Lastly, the C-111 project provides a host of environmental restoration benefits to the Everglades. Therefore, it is appropriate to evaluate each alternative along with the C-111 system so that possible inter-relationships could be included.

Description of Hydraulic and Hydrogeologic Performance Measures

All plans were analyzed against a set of hydraulic and hydrogeologic performance measures that evaluated various ecological, social, engineering and institutional criteria. Performance measures are quantitative or qualitative indicators of how well (or poorly) an alternative meets a specific objective. Ideal performance measures are quantifiable, have a specific target, indicate when that target has been reached, or measure the degree of improvement toward the target when it has not been reached.

Many of these performance measures evaluated in this study were directly related to changes in water stage or duration. Most of the major performance measures depend on model output in order to be quantified. Therefore, multiple model runs were conducted to fully assess each alternative. Limited optimization analysis was completed on each alternative in order to improve performance. Essentially, two or three iterations for each alternative were run for a given set of boundary conditions, precipitation and structure operations. In general, the wet 1995 precipitation year with 1995 structure operations combined with the “restored”, D13R boundary condition were chosen to conduct “testing” or optimization analysis. The performance measures discussed in this appendix are dependent on model output. Other performance measures such as cost or schedule are presented elsewhere in this report and will not be discussed. A short summary of the major model related performance measures is included in the following paragraphs.

Evaluate effects on hydropatterns in Northeast Shark River Slough

The main objective of the Modified Water Delivery project is to re-hydrate portions of the Everglades so that environmental restoration of degraded habitat can occur. In re-hydrating the Everglades, care must be taken to ensure that the proper depth of water occurs at the right time. For instance, some species of birds require extended dry periods for breeding while others require water depths above ground surface for foraging. In essence, the depth of water above ground surface, its duration above ground surface and the timing, are all key performance measures for any project alternative or base condition. For this study, these items were developed utilizing various analysis tools. Most of the evaluations were completed using various computer programs and software. Custom Fortran programs were utilized to extract important data from model runs. Spreadsheets were utilized to sort the data and run statistical comparisons at certain model grid cells. The Groundwater Modeling System (GMS) and Arc-View were utilized to look at spatial extent of various items. Lastly, spreadsheet graphing routines were utilized to develop stage versus duration hydrographs at certain key model grid cells.

The main components of this performance measure consisted of evaluating water depths, seasonal variability, duration of continuous flooding and the extent of increased/decreased hydropatterns. Outputs were developed to address each of the important components.

First, model indicator grid cells were selected in the 8.5 SMA study area. Approximately 40 separate indicator cells were selected to evaluate all of the alternatives. Indicator cells were located to allow for an adequate spatial extent of the study area and cover pertinent social and ecological areas. At each of these indicator cells (shown on [Figure 24](#)), weekly average water stages were extracted from the various model runs to allow for statistical evaluations and comparisons. A series of data tables and hydrographs were produced for different modeling sets and these are presented later in this report. The data tables also include pertinent yearly stage statistics at each indicator cell including maximum, minimum, mean, median, standard deviation and range. These data were utilized to evaluate seasonal variability, water depth, flood duration, etc.. In addition to the yearly maximum and minimum, a five-week “moving max or min” was calculated for select indicator cells. Also, because of the spatial extent of the indicator cells, changes in hydropattern can be discerned from the data. Tables were also prepared that depict total hydroperiod for 40 key indicator cells shown on [Figure 24](#). Lastly, changes in hydropattern and hydroperiod compared to Base 95 and Alternative # 1 were analyzed via various tables and figures.

Second, a custom Fortran program was devised that extracted inundation data from each model run. This program calculated the number of consecutive days where water depths exceeded 0.2 feet and 0.0 feet (ground elevation) at each model cell. The extracted data were then contoured to develop continuous hydroperiod maps for each alternative and the base conditions.

Third, a custom Fortran program was devised that calculated the net change in water storage (in Acre-Feet) for the area defined as the Northeast Shark River Slough (NESRS). Also, this program calculated the weighted-average water depth within the NESRS. Both of these measures are important in evaluating plan ecological performance. The area where these calculations were determined is shown on [Figure 25](#). The change in storage was defined as the yearly average water depth for each cell multiplied by the cell area. This component presents one aspect of the relative change in hydropatterns for a given alternative or base condition.

Lastly, various contour maps were developed for the whole model grid for different alternatives. These contour maps represent a snap shot in time (generally 1 week) depicting the average weekly water stage for a given project alternative or base condition. Some of these were included elsewhere in this report as appropriate.

Evaluate Impacts to the landowners and residents of the 8.5 SMA resulting from implementation of the Modified Water Delivery Project

The main objective of the Modified Water Delivery project is to re-hydrate portions of the Everglades so that environmental restoration of degraded habitat can occur. In re-hydrating the Everglades, care must be taken to ensure minimum impacts to landowners and residents. Impacts from additional flooding could include property damage, crop damage, road closings and general inconveniences. The main area where residents may be impacted is inside of the 8.5 SMA. A range of alternatives has been selected in order to provide a balance between environmental restoration and flood control.

The main components of this performance measure consisted of evaluating flood inundation depths (for a SPF stage and a 1 in 10 year stage), flood duration, and the spatial extent of flooding across the 8.5 SMA and agricultural areas located northeast of the 8.5 SMA. Outputs were developed to address each of the important components.

First, the extent of mitigation provided by each plan was developed. For this analysis, groundwater head data was developed for all model runs (Base83, Base95 and all plans) at week 26 which represents the peak stage for the wet year (1995 plus synthetic event). The head data was then contoured to develop a water surface map. To check if a given project plan provided mitigation according to Federal requirements, the resulting plan water level surface was “draped over” the water surface developed for the Base83bc_Exist_1995_83ops model run. The peak stage water surface, which approximates the standard project flood (SPF), was then compared against the Base83bc_Exist_1995_83ops model runs to determine if the alternative had successfully mitigated the increased stages caused by the Modified Water Delivery Project. The water stage for the alternative was subtracted from the water stage for the Base83bc run to check success of the mitigation measure. Successful plans result in no increase in stage when compared to Base83. These “difference” plots were prepared for each plan and are presented later in this model appendix.

Mitigation was also evaluated over appropriate model durations. Mitigation for the entire wet year was evaluated as well as around the SPF stage, defined as occurring from week 21 to week 37. Tables were developed that compared number of days where the plan stage was above the Base83 stage for the whole model year and for weeks 21 through 37. Lastly, the net increase or decrease in days above the ground surface was computed. These tables are presented later in this report.

After mitigation was evaluated according to Federal requirements, flood inundation was analyzed. A detailed topographic map of the 8.5 SMA was prepared from the 1986 survey data. The detailed topographic map was utilized to evaluate inundation depths caused by the Modified Water Delivery Project. Flood Control capability of each alternative was evaluated. Although only plans 3 and 6B were structured to provide flood control beyond mitigation, all of the alternatives offer some measure of 1 in 10 year protection. Flood control was evaluated for both the SPF stage and the lesser 1 in 10 year stage so that the local sponsor could evaluate multiple flood frequency events. Flood protection against the SPF stage was evaluated utilizing week 26. In order to evaluate the 1 in 10 year stage, week 23 was chosen since it represents a local stage peak caused by the introduction of the synthetic precipitation event mentioned earlier. Groundwater head data were extracted from all model runs at week 26 (SPF stage) and week 23 which represents the peak 1 in 10 year stage for the wet year (1995 plus synthetic event). The head data was contoured and then the resulting water level surface was "draped over" the detailed topography in order to develop inundation maps for each plan. Both the SPF stages and the 1 in 10 year stage were compared against the detailed topography to calculate areal extent of plan inundation. To determine if the alternative had successfully provided flood protection beyond mitigation the increased stages caused by the Modified Water Delivery Project have to be lowered to below ground surface. The water stage for the alternative for both SPF and 1 in 10 year levels was subtracted from the ground elevation to check success of the flood control measure. Successful plans result in no inundation when compared to ground elevation. These "difference" plots were prepared for each plan and are presented later in this model appendix.

These various water level maps were exported as "DXF" coverages and imported into the Arc-View software where additional analyzes were completed. The additional analyzes, which include the number of residents relocated, acres of agricultural land lost, etc., are presented elsewhere in this report.

At the request of the local sponsor additional checks were completed for each plan as compared to the existing Base95 conditions. Difference maps were prepared that evaluated the project plan stage versus the Base95 stage. These were prepared in a similar fashion to the Federal flood mitigation analysis. In addition, the sponsor requested that a set of maps be prepared that evaluated agricultural root zone impacts of each plan within the 8.5 SMA. These difference maps compared the project plan stage versus the bottom of the root zone, which was defined as approximately 2 feet below ground elevation. These maps were prepared at week 23 to evaluate root zone inundation at the 1 in 10 year stage. These maps are presented later in this report. Also, mitigation duration (plan compared against Base95) tables were prepared similar to those discussed above.

Analyze the effects to Ecological Functions

The main objective of the Modified Water Delivery project is to re-hydrate portions of the Everglades so that environmental restoration of degraded habitat can occur. The habitat mainly consists of different types of wetlands. For the purposes of this study, several main types of wetland were evaluated.

Peat forming wetlands were defined as those wetlands with hydroperiods (time above ground surface) greater than 180 days. The peat forming wetlands were further sub-divided to evaluate difference water depth zones. One zone was defined with water elevations between -1 feet and +2 feet NGVD. The other peat-forming zone was defined as having water elevations greater than +2 feet NGVD.

Marl forming wetlands generally occur during shorter inundation periods and in shallower water depths. They exhibit distinct vegetation differences from the peat forming type and are not as present in the study area. The exact definition varies according to many investigators and needs additional study in order to clear up hydrologic uncertainties. For this report, marl-forming wetlands were defined to have hydroperiods between 30 days and 180 days and water surface elevations between -1 feet and +2 feet NGVD. In addition, they cannot be inundated with water depths greater than 2 feet for more than 30 consecutive days nor can they be dry (water surface below -1 feet NGVD) for more than 30 consecutive days.

Transitional wetlands were defined as those wetlands within the NESRS area that did not meet the above definitions. In actuality, some of the transitional areas may be one of the other types based on hydric soil type or vegetation type, but only model hydrologic data was utilized in this study to characterize the wetland type. Lastly, within the 8.5 SMA and along portions of the L-31North canal, some areas are actually uplands. Care must be taken with the design of any structural measure to minimize additional wetland loss adjacent to any flood mitigation project implemented at the 8.5 SMA.

The main components of this performance measure consisted of evaluating spatial extent of wetlands for all alternatives and base conditions as well as wetland hydroperiods. Outputs were developed to address each of the important components.

In order to evaluate the areal extent of wetlands for different alternatives, contour maps were prepared of pertinent water levels. Hydrographs of key indicator cells were reviewed and analyzed to discern differences between alternatives. Then, a custom Fortran program was utilized to determine which model cells would be defined as peat-forming, marl-forming, transitional or upland types. Again, as in previous performance measures, the extent of these types of wetlands was determined for the whole model grid and within the NESRS and the 8.5 SMA.

The subsequent results were then plotted on maps of the study area so that a visual picture of the distribution of wetland types could be presented. In addition, summary tables/bar charts were prepared depicting amount of wetlands in acres for various alternatives.

Evaluate effects on conditions favorable to Federal and State listed Endangered Species survival

The main objective of the Modified Water Delivery project is to re-hydrate portions of the Everglades so that environmental restoration of degraded habitat can occur. Once degraded habitat is restored, it is hypothesized that various Everglade resident species will rebound from long-term declines. Several species of key concern are the Cape Sable Seaside Sparrow, the Woodstork and the Snail Kite.

The main components of this performance measure consisted of evaluating existing habitat areas for degradation or improvement. Habitat areas for major species have been previously identified during the Restudy and those for the Sparrow shown on [Figure 26](#). The sparrow requires an extended dry period in which to nest. This dry period is critical and a minimum of 44 consecutive days has been adopted for evaluation purposes. Dry periods of 60 to 90 days would be even better and seen as a benefit of a given alternative. For the purposes of this study the available breeding days from March 1 to July 15 (approximately week 10 to week 30) were evaluated utilizing stage, duration hydrographs. Outputs were developed to address each of the important components.

In order to evaluate sparrow breeding times, tables of continuous breeding days from week 10 to week 30 were developed. It should be noted that for precipitation year 1995, the breeding season was shorter than normal due to large rain events in May and June. For the 1995 precipitation year, the maximum breeding season went from approximately week 10 to week 25 (5 weeks shorter than normal). In addition, the application of the 1 in 10 year synthetic event at week 19 had the effect of artificially shortening the breeding season by another 5 weeks. Therefore, before the introduction of ANY alternatives, the maximum breeding season for the wet year would only be approximately 9 weeks long which is a shorter breeding timeframe.

Lastly, the C-111 project has been included along with all alternatives. The operating rules of C-111 have not been finalized, so for this model study a reasonable operational scenario was adopted. Unfortunately, the scenario chosen causes apparent impacts to a portion of one sparrow nesting area. During the wet season, the operation of C-111 further reduces the breeding season from 9 to 6 weeks. Again, this is before the introduction of any

alternatives. Due to these model assumptions, each alternative will have much less consecutive dry breeding season days than if the model runs had not included the synthetic rain event or C-111. Therefore, each alternative was assumed to meet the minimum number of dry breeding days and a more qualitative evaluation was performed which compared differences between plans.

Measure compatibility with the Comprehensive Everglades Restoration Plan and the C-111 Project without adversely impacting the current level of flood protection east of L-31North

The main objective of the Modified Water Delivery project is to re-hydrate portions of the Everglades so that environmental restoration of degraded habitat can occur. This restoration of the Everglades should be consistent with future planned projects so that costly modifications can be avoided. In addition, any mitigation plan should not adversely impact the level of flood protection to lands east of the L-31North canal.

The main components of this performance measure consisted of evaluating flow through two nearby structures and evaluating eight key model indicator cells utilizing stage, duration hydrographs. The hydrograph charts include a line representing the ground surface plus a hatched agricultural root zone approximately 2 feet thick. Hydrographs from all alternatives were then compared to the Base95 conditions or the Base95bc_Exist_1995(89)_95ops to evaluate if any impacts relating to the 8.5 SMA mitigation plans could be discerned. Additionally, summary tables and charts were developed that present the amount of wet season water releases and dry season water supply releases made through structures S-331 and S-173.

Since the D13R boundary was chosen for this simulation study to approximate restored flows into the Everglades, some limitations exist along the northern boundary. These limitations occur due to operational differences between D13R and the final Modified Water Deliveries boundary. These differences are most notable along the L-29, C-4 and L-31North canals. Using the D13R boundary could lead to slightly higher canal stages within L-31North. These observed canal stages are mostly related to the boundary assignment and are independent of any alternative.

Potential impacts observed relating to boundary condition assignments were deferred until such time as all Modified Water Delivery and C-111 plans are complete. Impacts, which may be associated with raised water levels due to the “whole” Modified Water Delivery project, should be evaluated separately from this study. If these impacts are predicted following additional modeling (once a Mod Waters/C-111 operational study is completed), some flood mitigation of these areas may be appropriate. Therefore, if impacts were observed at the key indicator cells, such as increased flooding or increased root zone inundation, only

those impacts directly attributable to the 8.5 SMA would be quantified. In general, comparisons were made against the Base95 condition and against the no-action alternative.

Performance of the Alternatives

The remainder of the report presents various model related performance measures for each project alternative. As requested by the project sponsor, no attempt was made to rank any of the proposed locally preferred alternatives.

Alternative # 1 – No-Action Alternative

Alternative Layout and Limited Optimization

Alternative # 1 is the original GDM design that has been re-evaluated. In general, re-evaluation of this alternative did not reveal major differences from the analysis completed during the GDM. Several iterations of modeling were completed for alternative # 1. Initially, alt 1 was laid out as was presented in the GDM and subsequent design optimization analysis completed more recently. The levee was aligned along the outside of the 8.5 SMA, a seepage canal was placed inside the levee alignment and a pump station S-357 was located at the northeastern terminus of the seepage canal.

One difference with the plan modeled was that the maximum pumping rate of S-357 was set to 225 CFS instead of 500 CFS. Subsequent runs looked at larger pump stations including an alternative 1B which evaluated pumping rates for S-357 at 500 CFS. In the end, flood mitigation benefit gained within the 8.5 SMA with S-357 pumping at 500 CFS (instead of 225 CFS) was out weighed by additional ecological and social impacts that were caused by the additional pumping. In summary, pumping S-357 at 500 CFS only provided marginal improvement of flood mitigation at a large environmental cost.

The size of pump station S-356 was also reduced for this evaluation as compared to the GDM. The maximum pumping rate at S-356 was set at 500 CFS. This seemed to be adequate for all alternatives including alternative # 1. It is possible that once the “whole” Modified Water Delivery project features are evaluated as one unit, the ultimate size of S-356 may be higher than 500 CFS. For the purposes of this study, the size of S-356 was adopted as 500 CFS for all alternatives. In summary, alternative # 1 was “tweaked” several times and the original alternative # 1 was selected as the best design iteration.

Alternative # 1 – Performance Measurements

Since no attempt was made to rank any project alternative, performance measure data will be presented for each alternative in turn and shall be

presented to allow easy review and comparison. It will be the responsibility of the project sponsor to weigh all of the data and select a locally preferred alternative.

Therefore, all model related performance measure data will simply be presented in the order it was discussed earlier in this report.

Tables of data were prepared which summarize water stages at all key model indicator cells. These tables present weekly average water stages along with key yearly statistics. One table was prepared for both base conditions (Base83 and Base95), the no-action alternative (alt # 1) and all of the potential LPAs (alts 2 through 9) for both the 1995 precipitation year and the 1989 precipitation year. Keep in mind that model data for alternative # 4 was also utilized to evaluate alternatives # 5 and # 7. In addition, alternative # 9 is made up of alternatives 1 and 2B so tables for those alternatives should be reviewed for alternative # 9. [Tables 1 to 6](#) present the pertinent data for the two base conditions and alternative # 1.

Hydrographs that compare all of the alternatives against alternative # 1 and both base conditions are available for review as [figures 27 to 108](#).

Tables and charts were prepared for select model indicator cells that show five week “moving” average water stages for the annual maximum and minimum along with when these occur. These were prepared for the 1995 precipitation year and the 1989 precipitation year. [Tables 7 to 18](#) present these data. These tables show alternatives 2A and 6A for information purposes for the 1995 precipitation year, although these were not ultimately selected during the alternative “tweaking”.

[Figures 109 to 115b](#) depict continuous hydroperiod where water depths are greater than 0.2 feet and greater than 0.0 feet for the two base plans and alternative # 1. These were prepared for the 1995 precipitation year and the 1989 precipitation year. To assist the reviewer, [Figure 109](#) locates some key model indicator cells for reference purposes. These are utilized in [Figures 110 to 115b](#) in order to provide additional details concerning continuous hydroperiod lengths (where water depth is greater than 0.2 feet or 0.0 feet) that may not be clear on the color shaded contouring.

Tables and charts were prepared summarizing change in average yearly water storage (above ground surface) within the NESRS for both base conditions and all of the alternatives for a 1995 precipitation year and a 1989 precipitation year. These are presented as [tables 19 to 22](#) and [figures 116 to 117](#). [Tables 20 and 22](#) compare gains or losses in average storage from each alternative to the no-action plan. In general, a positive value represents a net “gain” in water storage while a negative value represents a net “loss”.

Contour maps were prepared for each plan that show water stages at week 26 (peak stage) for the 1995 precipitation year. These were then “draped” over the topography at the 8.5 SMA to determine peak inundation. Inundation maps and mitigation maps were prepared for each project alternative. [Figures 118 to 119b](#) present the results of these for alternative # 1. These maps were prepared for the 1995 precipitation year.

Wetland type maps and total hydroperiod maps (not continuous) were prepared for each project alternative along with summary tables and charts. [Figures 120 to 129](#) present the results for the base conditions and alternative # 1. [Tables 23 to 26](#) present summarized results for all of the plans.

Tables were prepared that show the reduction/increase in breeding time for key Cape Sable Seaside Sparrow model indicator cells compared to Alternative # 1. Keep in mind that model assumptions for the 1995 precipitation year have **skewed the results (as discussed above)** so that they are more qualitative in nature. Various “tweaked” plans are presented along with the final optimized selection for each alternative. [Tables 27 to 30](#) present the length of the dry breeding season along with number of days the areas are inundated. [Figures 130 to 133](#) present the same information on bar charts.

[Figures 47 to 54](#) show hydrographs for key agricultural model indicator cells for both base conditions and all of the alternatives. Keep in mind that apparent impacts are noticeable, however, these are independent of the project alternatives for the most part.

Lastly, summary tables and charts of all of the alternatives were prepared that show wet season releases and dry season water supply releases for structures S-331 and S-173. This information is presented on [tables 31 to 34](#).

Alternative # 2 – Potential LPA

Alternative Layout and Limited Optimization

Alternative # 2 is a modification of the original GDM design that has been evaluated. The levee was aligned along the outside of the 8.5 SMA, a seepage canal was placed inside the levee alignment and a pump station S-357 was located at the southwestern terminus of the seepage canal.

Alternative # 2 was originally tested with S-357 pumping at 225 CFS and had the water discharging just south of Richmond Drive. Contour maps and hydrographs revealed an apparent “backwater” mounding effect which caused additional

flooding impacts within the southwestern portion of the 8.5 SMA. Therefore, alternative # 2A was re-formulated which added a long discharge pipe from S-357 to the C-111 project area. This change did remove the backwater effect, however, flood mitigation within the 8.5 SMA needed to be improved. Subsequent runs looked at larger pump stations including an alternative 2B which evaluated pumping rates for S-357 at 500 CFS.

The size of pump station S-356 was also reduced for this evaluation as compared to the GDM. The maximum pumping rate at S-356 was set at 500 CFS. This seemed to be adequate for all alternatives including alternative # 2. It is possible that once the “whole” Modified Water Delivery project features are evaluated as one unit, the ultimate size of S-356 may be higher than 500 CFS. For the purposes of this study, the size of S-356 was adopted as 500 CFS for all alternatives. In summary, alternative # 2 was “tweaked” several times and the alternative # 2B was selected as the best design iteration.

Alternative # 2 – Performance Measurements

Since no attempt was made to rank any project alternative, performance measure data will be presented for each alternative in turn and shall be presented to allow easy review and comparison. It will be the responsibility of the project sponsor to weigh all of the data and select a locally preferred alternative.

Therefore, all model related performance measure data will simply be presented in order as was discussed earlier in this report.

Tables of data were prepared which summarize water stages at all key model indicator cells. These tables present weekly average water stages along with key yearly statistics. One table was prepared for both base conditions (Base83 and Base95), the no-action alternative (alt # 1) and all of the potential LPAs (alts 2 through 9) for both the 1995 precipitation year and the 1989 precipitation year. Keep in mind that model data for alternative # 4 was also utilized to evaluate alternatives # 5 and # 7. In addition, alternative # 9 is made up of alternatives 1 and 2B so tables for those alternatives should be reviewed for alternative # 9. **Tables 35 and 36** present the pertinent data for alternative # 2B.

Hydrographs that compare all of the alternatives against alternative # 1 and both base conditions are available for review as **figures 27 to 108**.

Tables and charts were prepared for select model indicator cells that show five week “moving” average water stages for the annual maximum and minimum along with when these occur. These were prepared for the 1995 precipitation year and the 1989 precipitation year. **Tables 7 to 18** present this data. These tables show alternatives 2A and 6A for information purposes for the 1995

precipitation year, although these were not ultimately selected during the alternative “tweaking”.

Figures 134 to 135b depict continuous hydroperiod where water depths are greater than 0.2 feet and 0.0 feet for alternative # 2B. These were prepared for the 1995 precipitation year and the 1989 precipitation year. To assist the reviewer, Figure 109 locates some key model indicator cells for reference purposes.

Tables and charts were prepared summarizing change in average yearly water storage (above ground surface) within the NESRS for both base conditions and all of the alternatives for a 1995 precipitation year and a 1989 precipitation year. These are presented as tables 19 to 22 and figures 116 to 117. Tables 20 and 22 compare gains or losses in average storage from each alternative to the no-action plan.

Contour maps were prepared for each plan that show water stages at week 26 (peak stage) for the 1995 precipitation year. These were then “draped” over the topography at the 8.5 SMA to determine peak inundation. Inundation maps and mitigation maps were prepared for each project alternative. Figures 136 to 137b present the results of these for alternative # 2B. These maps were prepared for the 1995 precipitation year.

Wetland type maps and total hydroperiod maps were prepared for each project alternative along with summary tables and charts. Figures 138 to 139 present the results for alternative # 2B. Tables 23 to 26 present summarized results for all of the plans.

Tables were prepared that show the reduction/increase in breeding time for key Cape Sable Seaside Sparrow model indicator cells compared to Alternative # 1. Keep in mind that model assumptions for the 1995 precipitation year have **skewed the results (as discussed above)** so that they are more qualitative in nature. Various “tweaked” plans are presented along with the final optimized selection for each alternative. Tables 27 to 30 present the length of the dry breeding season along with number of days the areas are inundated. Figures 130 to 133 present the same information on bar charts.

Figures 47 to 54 show hydrographs for key agricultural model indicator cells for both base conditions and all of the alternatives. Keep in mind that apparent impacts are noticeable, however, these are independent of the project alternatives for the most part.

Lastly, summary tables and charts of all of the alternatives were prepared that show wet season releases and water supply releases for structures S-331 and S-173. This information is presented on tables 31 to 34.

Alternative # 3 – Potential LPA

Alternative Layout and Limited Optimization

Alternative # 3 is a modification of the original GDM design that has been evaluated. The plan utilizes an engineered subsurface barrier to block groundwater flow into the 8.5 SMA. The plan includes a perimeter levee with the barrier to be installed through the levee or along side it.

Alternative # 3 was originally tested with a barrier completely surrounding the site. After some test runs, it was felt that the portion of the barrier along Richmond Drive would not be necessary and actually caused water levels inside the 8.5 SMA to rise as they would in a bathtub.

The size of pump station S-356 was also reduced for this evaluation as compared to the GDM. The maximum pumping rate at S-356 was set at 500 CFS. This seemed to be adequate for all alternatives including alternative # 3. It is possible that once the “whole” Modified Water Delivery project features are evaluated as one unit, the ultimate size of S-356 may be higher than 500 CFS. For the purposes of this study, the size of S-356 was adopted as 500 CFS for all alternatives. In summary, alternative # 3 was “tweaked” several times and the alternative # 3 was selected as the best design iteration.

Alternative # 3 – Performance Measurements

Since no attempt was made to rank any project alternative, performance measure data will be presented for each alternative in turn and shall be presented to allow easy review and comparison. It will be the responsibility of the project sponsor to weigh all of the data and select a locally preferred alternative.

Therefore, all model related performance measure data will simply be presented in order as was discussed earlier in this report.

Tables of data were prepared which summarize water stages at all key model indicator cells. These tables present weekly average water stages along with key yearly statistics. One table was prepared for both base conditions (Base83 and Base95), the no-action alternative (alt # 1) and all of the potential LPAs (alts 2 through 9) for both the 1995 precipitation year and the 1989 precipitation year. Keep in mind that model data for alternative # 4 was also utilized to evaluate alternatives # 5 and # 7. In addition, alternative # 9 is made up of alternatives 1 and 2B so tables for those alternatives should be reviewed for alternative # 9. **Tables 37 and 38** present the pertinent data for alternative # 2B.

Hydrographs that compare all of the alternatives against alternative # 1 and both base conditions are available for review as [figures 27 to 108](#).

Tables and charts were prepared for select model indicator cells that show five week “moving” average water stages for the annual maximum and minimum along with when these occur. These were prepared for the 1995 precipitation year and the 1989 precipitation year. [Tables 7 to 18](#) present this data. These tables show alternatives 2A and 6A for information purposes for the 1995 precipitation year, although these were not ultimately selected during the alternative “tweaking”.

[Figures 140 to 141b](#) depict continuous hydroperiod where water depths are greater than 0.2 feet and 0.0 feet for alternative # 3. These were prepared for the 1995 precipitation year and the 1989 precipitation year. To assist the reviewer, [Figure 109](#) locates some key model indicator cells for reference purposes.

Tables and charts were prepared summarizing change in average yearly water storage (above ground surface) within the NESRS for both base conditions and all of the alternatives for a 1995 precipitation year and a 1989 precipitation year. These are presented as [tables 19 to 22](#) and [figures 116 to 117](#). [Tables 20 and 22](#) compare gains or losses in average storage from each alternative to the no-action plan.

Contour maps were prepared for each plan that show water stages at week 26 (peak stage) for the 1995 precipitation year. These were then “draped” over the topography at the 8.5 SMA to determine peak inundation. Inundation maps and mitigation maps were prepared for each project alternative. [Figures 142 to 143b](#) present the results of these for alternative # 3. These maps were prepared for the 1995 precipitation year.

Wetland type maps and total hydroperiod maps were prepared for each project alternative along with summary tables and charts. [Figures 144 to 145](#) present the results for alternative # 3. [Tables 23 to 26](#) present summarized results for all of the plans.

Tables were prepared that show the reduction/increase in breeding time for key Cape Sable Seaside Sparrow model indicator cells compared to Alternative # 1. Keep in mind that model assumptions for the 1995 precipitation year have **skewed the results (as discussed above)** so that they are more qualitative in nature. Various “tweaked” plans are presented along with the final optimized selection for each alternative. [Tables 27 to 30](#) present the length of the dry breeding season along with number of days the areas are inundated. [Figures 130 to 133](#) present the same information on bar charts.

Figures 47 to 54 show hydrographs for key agricultural model indicator cells for both base conditions and all of the alternatives. Keep in mind that apparent impacts are noticeable, however, these are independent of the project alternatives for the most part.

Lastly, summary tables and charts of all of the alternatives were prepared that show wet season releases and water supply releases for structures S-331 and S-173. This information is presented on tables 31 to 34.

Alternative # 4, Alternative # 5 & Alternative # 7 – Potential LPAs

Alternative Layout and Limited Optimization

Alternatives # 4, # 5 and # 7 are substantially different than the original GDM plan. Each of these plans evaluates options other than levees, seepage canals and pump stations. Alternatives # 4 and # 5 are forms of non-structural solutions to mitigation, while Alternative # 7 simply raises all of the access roads in the area.

These alternatives were evaluated utilizing the same model runs because it is felt that the water level for each would be very similar. These alternatives which are named D13Rbc_C-111_1995(89)_95ops (or some variation of this name depending if S-356 was assumed to be pumping) were analyzed several different ways. First, a model run was completed that did not include structure S-356 pumping. After reviewing the results, it was evident that S-356 does have a positive ecological benefit because it raises stages in Northeast Shark River Slough. Therefore, S-356 was included on subsequent iterations.

The size of pump station S-356 was also reduced for this evaluation as compared to the GDM. The maximum pumping rate at S-356 was set at 500 CFS. This seemed to be adequate for all alternatives including alternative # 3. It is possible that once the “whole” Modified Water Delivery project features are evaluated as one unit, the ultimate size of S-356 may be higher than 500 CFS. For the purposes of this study, the size of S-356 was adopted as 500 CFS for all alternatives. In summary, alternative # 4 (and 5 and 6) was “tweaked” several times and the alternative with S-356 pumping at 500 CFS was selected as the best design iteration. The selected plan for this series of alternatives is named D13Rbc_C-111_356_1995(89)_95ops.

Alternatives # 4, # 5 & # 7 – Performance Measurements

Since no attempt was made to rank any project alternative, performance measure data will be presented for each alternative in turn and shall be presented to allow easy review and comparison. It will be the responsibility of

the project sponsor to weigh all of the data and select a locally preferred alternative.

Therefore, all model related performance measure data will simply be presented in order as was discussed earlier in this report. Only alternative # 4 will be discussed in this section, but the results apply to alternatives 5 and 7 also.

Tables of data were prepared which summarize water stages at all key model indicator cells. These tables present weekly average water stages along with key yearly statistics. One table was prepared for both base conditions (Base83 and Base95), the no-action alternative (alt # 1) and all of the potential LPAs (alts 2 through 9) for both the 1995 precipitation year and the 1989 precipitation year. Keep in mind that model data for alternative # 4 was also utilized to evaluate alternatives # 5 and # 7. In addition, alternative # 9 is made up of alternatives 1 and 2B so tables for those alternatives should be reviewed for alternative # 9. [Tables 39 and 40](#) present the pertinent data for alternative # 4.

Hydrographs that compare all of the alternatives against alternative # 1 and both base conditions are available for review as [figures 27 to 108](#).

Tables and charts were prepared for select model indicator cells that show five week “moving” average water stages for the annual maximum and minimum along with when these occur. These were prepared for the 1995 precipitation year and the 1989 precipitation year. [Tables 7 to 18](#) present this data. These tables show alternatives 2A and 6A for information purposes for the 1995 precipitation year, although these were not ultimately selected during the alternative “tweaking”.

[Figures 146 to 147b](#) depict hydroperiod where water depths are greater than 0.2 feet and 0.0 feet for alternative # 4. These were prepared for the 1995 precipitation year and the 1989 precipitation year. To assist the reviewer, [Figure 109](#) locates some key model indicator cells for reference purposes.

Tables and charts were prepared summarizing change in average yearly water storage (above ground surface) within the Everglades Expansion area and the 8.5 SMA for both base conditions and all of the alternatives for a 1995 precipitation year and a 1989 precipitation year. These are presented as [tables 19 to 22](#) and [figures 116 to 117](#). [Tables 20 and 22](#) compare gains or losses in average storage from each alternative to the no-action plan.

Contour maps were prepared for each plan that show water stages at week 26 (peak stage) for the 1995 precipitation year. These were then “draped” over the topography at the 8.5 SMA to determine peak inundation. Inundation maps and mitigation maps were prepared for each project alternative. [Figures 148 to 149b](#)

present the results of these for alternative # 4. These maps were prepared for the 1995 precipitation year.

Wetland type maps and total hydroperiod maps were prepared for each project alternative along with summary tables and charts. [Figures 150 to 151](#) present the results for alternative # 4. [Tables 23 to 26](#) present summarized results for all of the plans.

Tables were prepared that show the reduction/increase in breeding time for key Cape Sable Seaside Sparrow model indicator cells compared to Alternative # 1. Keep in mind that model assumptions for the 1995 precipitation year have **skewed the results (as discussed above)** so that they are more qualitative in nature. Various “tweaked” plans are presented along with the final optimized selection for each alternative. [Tables 27 to 30](#) present the length of the dry breeding season along with number of days the areas are inundated. [Figures 130 to 133](#) present the same information on bar charts.

[Figures 47 to 54](#) show hydrographs for key agricultural model indicator cells for both base conditions and all of the alternatives. Keep in mind that apparent impacts are noticeable, however, these are independent of the project alternatives for the most part.

Lastly, summary tables and charts of all of the alternatives were prepared that show wet season releases and water supply releases for structures S-331 and S-173. This information is presented on [tables 31 to 34](#).

Alternative # 6 – Potential LPA

Alternative Layout and Limited Optimization

Alternative # 6 is a modification of the original GDM design that has been evaluated. The levee was aligned along the middle of the 8.5 SMA, a seepage canal was placed inside the levee alignment and a pump station S-357 was located at the southwestern terminus of the seepage canal. This plan would protect a portion of the residents of the 8.5 SMA while also providing buyout of lower elevation lands in the southwestern corner of 8.5 SMA.

Alternative # 6 was originally tested with S-357 pumping at 225 CFS and had the water discharging just south of Richmond Drive. Contour maps and hydrographs revealed an apparent “backwater” mounding effect which caused additional flooding impacts within the southwestern portion of the 8.5 SMA. Therefore, alternative # 6A was re-formulated which added a long discharge pipe from S-357 to the C-111 project area. This change did remove the backwater effect, however, flood mitigation within the 8.5 SMA needed to be improved.

Subsequent runs looked at larger pump stations including an alternative 6B which evaluated pumping rates for S-357 at 500 CFS.

The size of pump station S-356 was also reduced for this evaluation as compared to the GDM. The maximum pumping rate at S-356 was set at 500 CFS. This seemed to be adequate for all alternatives including alternative # 6. It is possible that once the “whole” Modified Water Delivery project features are evaluated as one unit, the ultimate size of S-356 may be higher than 500 CFS. For the purposes of this study, the size of S-356 was adopted as 500 CFS for all alternatives. In summary, alternative # 6 was “tweaked” several times and the alternative # 6B was selected as the best design iteration.

Alternative # 6 – Performance Measurements

Since no attempt was made to rank any project alternative, performance measure data will be presented for each alternative in turn and shall be presented to allow easy review and comparison. It will be the responsibility of the project sponsor to weigh all of the data and select a locally preferred alternative.

Therefore, all model related performance measure data will simply be presented in order as was discussed earlier in this report.

Tables of data were prepared which summarize water stages at all key model indicator cells. These tables present weekly average water stages along with key yearly statistics. One table was prepared for both base conditions (Base83 and Base95), the no-action alternative (alt # 1) and all of the potential LPAs (alts 2 through 9) for both the 1995 precipitation year and the 1989 precipitation year. Keep in mind that model data for alternative # 4 was also utilized to evaluate alternatives # 5 and # 7. In addition, alternative # 9 is made up of alternatives 1 and 2B so tables for those alternatives should be reviewed for alternative # 9. [Tables 41 and 42](#) present the pertinent data for alternative # 6B.

Hydrographs that compare all of the alternatives against alternative # 1 and both base conditions are available for review as [figures 27 to 108](#).

Tables and charts were prepared for select model indicator cells that show five week “moving” average water stages for the annual maximum and minimum along with when these occur. These were prepared for the 1995 precipitation year and the 1989 precipitation year. [Tables 7 to 18](#) present this data. These tables show alternatives 2A and 6A for information purposes for the 1995 precipitation year, although these were not ultimately selected during the alternative “tweaking”.

Figures 152 to 153b depict continuous hydroperiod where water depths are greater than 0.2 feet and 0.0 feet for alternative # 6B. These were prepared for the 1995 precipitation year and the 1989 precipitation year. To assist the reviewer, Figure 109 locates some key model indicator cells for reference purposes.

Tables and charts were prepared summarizing change in average yearly water storage (above ground surface) within the NESRS for both base conditions and all of the alternatives for a 1995 precipitation year and a 1989 precipitation year. These are presented as tables 19 to 22 and figures 116 to 117. Tables 20 and 22 compare gains or losses in average storage from each alternative to the no-action plan.

Contour maps were prepared for each plan that show water stages at week 26 (peak stage) for the 1995 precipitation year. These were then “draped” over the topography at the 8.5 SMA to determine peak inundation. Inundation maps and mitigation maps were prepared for each project alternative. Figures 154 to 155b present the results of these for alternative # 6B. These maps were prepared for the 1995 precipitation year.

Wetland type maps and total hydroperiod maps were prepared for each project alternative along with summary tables and charts. Figures 156 to 157 present the results for alternative # 6B. Tables 23 to 26 present summarized results for all of the plans.

Tables were prepared that show the reduction/increase in breeding time for key Cape Sable Seaside Sparrow model indicator cells compared to Alternative # 1. Keep in mind that model assumptions for the 1995 precipitation year have **skewed the results (as discussed above)** so that they are more qualitative in nature. Various “tweaked” plans are presented along with the final optimized selection for each alternative. Tables 27 to 30 present the length of the dry breeding season along with number of days the areas are inundated. Figures 130 to 133 present the same information on bar charts.

Figures 47 to 54 show hydrographs for key agricultural model indicator cells for both base conditions and all of the alternatives. Keep in mind that apparent impacts are noticeable, however, these are independent of the project alternatives for the most part.

Lastly, summary tables and charts of all of the alternatives were prepared that show wet season releases and water supply releases for structures S-331 and S-173. This information is presented on tables 31 to 34.

Alternative # 8 – Potential LPA

Alternative Layout and Limited Optimization

Alternative # 8 is a very different from the original GDM design that has been evaluated. Alternative # 8 basically provides a natural flood way along the southeastern portion of the 8.5 SMA. The flood way ends at Richmond Drive where a large sump pump station will direct the flood waters over Richmond Drive. The levee was aligned along the western edge and the middle of the 8.5 SMA, a flood way is in the middle of the levees a pump station S-357 was located at the southwestern terminus of the alternative.

Alternative # 8 was originally tested with S-357 pumping at 225 CFS and had the water discharging just south of Richmond Drive. It was utilizing a small sump excavation into the Biscayne Aquifer. After initial model runs, it was evident that the pump station was not providing much drawdown in the 8.5 SMA. Therefore, alternative # 8A was re-formulated which provided for a much larger sump pump excavation in the form of a short seepage canal (approximately 700 feet long). This change did improve operation of the plan slightly but it was determined that the lack seepage canals in this plan allows groundwater to encroach into the northeastern portion of the 8.5 SMA. Although, this plan did not work that well, no more attempts were made at project tweaking.

The size of pump station S-356 was also reduced for this evaluation as compared to the GDM. The maximum pumping rate at S-356 was set at 500 CFS. This seemed to be adequate for all alternatives including alternative # 6. It is possible that once the “whole” Modified Water Delivery project features are evaluated as one unit, the ultimate size of S-356 may be higher than 500 CFS. For the purposes of this study, the size of S-356 was adopted as 500 CFS for all alternatives. In summary, alternative # 8 was “tweaked” several times and the alternative # 8A was selected as the best design iteration.

Alternative # 8 – Performance Measurements

Since no attempt was made to rank any project alternative, performance measure data will be presented for each alternative in turn and shall be presented to allow easy review and comparison. It will be the responsibility of the project sponsor to weigh all of the data and select a locally preferred alternative.

Therefore, all model related performance measure data will simply be presented in order as was discussed earlier in this report.

Tables of data were prepared which summarize water stages at all key model indicator cells. These tables present weekly average water stages along with key yearly statistics. One table was prepared for both base conditions (Base83 and Base95), the no-action alternative (alt # 1) and all of the potential LPAs (alts 2 through 9) for both the 1995 precipitation year and the 1989 precipitation year. Keep in mind that model data for alternative # 4 was also utilized to evaluate alternatives # 5 and # 7. In addition, alternative # 9 is made up of alternatives 1 and 2B so tables for those alternatives should be reviewed for alternative # 9. [Tables 43 and 44](#) present the pertinent data for alternative # 8A.

Hydrographs that compare all of the alternatives against alternative # 1 and both base conditions are available for review as [figures 27 to 108](#).

Tables and charts were prepared for select model indicator cells that show five week “moving” average water stages for the annual maximum and minimum along with when these occur. These were prepared for the 1995 precipitation year and the 1989 precipitation year. [Tables 7 to 18](#) present this data. These tables show alternatives 2A and 6A for information purposes for the 1995 precipitation year, although these were not ultimately selected during the alternative “tweaking”.

[Figures 158 to 159b](#) depict continuous hydroperiod where water depths are greater than 0.2 feet and 0.0 feet for alternative # 8A. These were prepared for the 1995 precipitation year and the 1989 precipitation year. To assist the reviewer, [Figure 109](#) locates some key model indicator cells for reference purposes.

Tables and charts were prepared summarizing change in average yearly water storage (above ground surface) within the NESRS for both base conditions and all of the alternatives for a 1995 precipitation year and a 1989 precipitation year. These are presented as [tables 19 to 22](#) and [figures 116 to 117](#). [Tables 20 and 22](#) compare gains or losses in average storage from each alternative to the no-action plan.

Contour maps were prepared for each plan that show water stages at week 26 (peak stage) for the 1995 precipitation year. These were then “draped” over the topography at the 8.5 SMA to determine peak inundation. Inundation maps and mitigation maps were prepared for each project alternative. [Figures 160 to 161b](#) present the results of these for alternative # 8A. These maps were prepared for the 1995 precipitation year.

Wetland type maps and total hydroperiod maps were prepared for each project alternative along with summary tables and charts. [Figures 162 to 163](#) present the results for alternative # 8A. [Tables 23 to 26](#) present summarized results for all of the plans.

Tables were prepared that show the reduction/increase in breeding time for key Cape Sable Seaside Sparrow model indicator cells compared to Alternative # 1. Keep in mind that model assumptions for the 1995 precipitation year have **skewed the results (as discussed above)** so that they are more qualitative in nature. Various “tweaked” plans are presented along with the final optimized selection for each alternative. **Tables 27 to 30** present the length of the dry breeding season along with number of days the areas are inundated. **Figures 130 to 133** present the same information on bar charts.

Figures 47 to 54 show hydrographs for key agricultural model indicator cells for both base conditions and all of the alternatives. Keep in mind that apparent impacts are noticeable, however, these are independent of the project alternatives for the most part.

Lastly, summary tables and charts of all of the alternatives were prepared that show wet season releases and water supply releases for structures S-331 and S-173. This information is presented on **tables 31 to 34**.

Alternative # 9 – See alternative # 1 and alternative # 2B

TABLES – Following the Text Sections

FIGURES - Following the Tables

References

Swain, E.D., and Wexler, E.J., 1993, "A Coupled Surface-Water and Ground-Water Flow Model for Simulation of Stream-Aquifer Interaction," USGS Open File Report 92-138.

Swain, E.D., Howie, B., and Dixon, J., 1995, "Description and Field Analysis of a Coupled Ground-Water/Surface-Water Flow Model (MODFLOW/BRANCH) with Modifications for Structures and Wetlands in Southern Dade County, Florida," USGS Water-Resources Investigations Report 96-4118.

Randazzo and Jones, 1997, "The Geology of Florida"

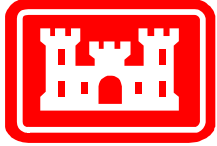
McDonald, M.G., and Harbaugh, A.W., 1988, "A Modular Three-Dimensional Finite-Difference Ground-Water Flow Model," U.S. Geological Survey Techniques of Water-Resources Investigations, book 6, chap. A1.

Klein, H., and Hull, J.E., 1978, "Biscayne Aquifer, Southeast Florida," USGS Water-Resources Investigations 78-107.

Evans, R., 2000, "Calibration and Verification of the MODBRANCH Numerical Model of South Dade County, Florida"

Fish, J.E., and Stewart, M., 1991, "Hydrogeology of the Surficial Aquifer System, Dade County, Florida," USGS Water-Resources Investigations Report 90-4108.

Causaras, C.R., 1986, "Geology of the Surficial Aquifer System, Dade County, Florida, Lithologic Logs," USGS Water-Resources Investigations Report 86-4126.



**US Army Corps
of Engineers**
Jacksonville District



DRAFT

03/15/00

8.5 Square Mile Area (SMA)

Hydraulic and Hydrogeologic Model Report

APPENDIX A

Tables and Figures

**Prepared for the South Florida Water Management
District and the U.S. Department of Interior**

**Prepared by the U.S. Army Corps of Engineers,
Jacksonville District**

TABLES

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20
Base95bc_Exist_95_95ops																					
3	20457	6.88	6.9	6.9	6.84	6.79	6.76	6.68	6.63	6.58	6.53	6.52	6.4	6.21	6.08	5.94	5.62	5.58	6.25	6.11	5.86
3	20737	6.52	6.57	6.55	6.35	6.26	6.17	6.01	5.98	5.87	5.86	5.9	5.71	5.51	5.43	5.35	5.01	5.07	6.08	5.94	5.56
3	20743	6.41	6.51	6.48	6.24	6.17	6.08	5.94	5.92	5.82	5.83	5.89	5.72	5.5	5.43	5.38	5.04	5.1	6.16	6.03	5.63
3	20726	6.78	6.78	6.77	6.68	6.59	6.52	6.36	6.27	6.17	6.12	6.11	5.93	5.73	5.64	5.52	5.17	5.16	6.05	5.91	5.58
3	20980	6.99	7.01	7.01	6.95	6.92	6.9	6.84	6.8	6.76	6.74	6.73	6.67	6.59	6.53	6.49	6.37	6.25	6.4	6.38	6.27
3	21277	5.72	5.77	5.75	5.51	5.44	5.35	5.21	5.19	5.09	5.13	5.22	5.04	4.85	4.84	4.8	4.52	4.65	5.54	5.39	5.06
3	21529	6.09	6.09	6.06	5.8	5.69	5.56	5.36	5.29	5.16	5.17	5.27	5.05	4.81	4.75	4.69	4.37	4.46	5.32	5.25	4.89
3	21259	6.37	6.35	6.32	6.08	5.96	5.84	5.63	5.56	5.43	5.41	5.48	5.26	5.03	4.96	4.89	4.54	4.6	5.51	5.43	5.06
3	21891	5.78	5.8	5.78	5.51	5.42	5.31	5.12	5.07	4.94	4.98	5.1	4.89	4.66	4.6	4.55	4.27	4.36	5.16	5.1	4.78
3	21971	6.23	6.2	6.16	5.89	5.77	5.63	5.4	5.3	5.15	5.16	5.28	5.05	4.79	4.66	4.59	4.27	4.28	5.01	5.02	4.73
3	22335	5.8	5.8	5.78	5.51	5.42	5.29	5.09	5.03	4.89	4.93	5.08	4.87	4.62	4.51	4.46	4.17	4.22	4.94	4.95	4.66
3	23325	5.47	5.48	5.48	5.22	5.16	5.04	4.9	4.85	4.71	4.81	4.97	4.77	4.52	4.4	4.38	4.11	4.1	4.73	4.82	4.6
3	23331	5.24	5.27	5.28	5.04	5.01	4.9	4.79	4.76	4.64	4.75	4.87	4.69	4.48	4.4	4.4	4.15	4.17	4.8	4.85	4.63
3	20297	6.68	6.75	6.73	6.58	6.52	6.44	6.34	6.3	6.26	6.27	6.29	6.17	6.03	5.97	5.9	5.74	5.83	6.44	6.34	6.01
3	20477	6.56	6.66	6.62	6.41	6.36	6.28	6.16	6.14	6.08	6.11	6.16	6.02	5.82	5.76	5.72	5.47	5.54	6.39	6.3	5.91
3	20838	6.38	6.48	6.41	6.23	6.18	6.09	5.98	5.96	5.91	5.92	6.01	5.87	5.58	5.5	5.47	5.1	5.11	6.29	6.24	5.78
3	21017	6.24	6.34	6.28	6.09	6.04	5.95	5.84	5.82	5.77	5.78	5.87	5.73	5.46	5.38	5.36	5	5.03	6.16	6.09	5.66
3	20925	6.23	6.34	6.3	6.06	6	5.91	5.78	5.76	5.67	5.7	5.77	5.61	5.38	5.31	5.28	4.94	5.01	6.09	5.97	5.57
3	21105	5.93	6.01	5.98	5.75	5.69	5.61	5.49	5.48	5.4	5.43	5.52	5.36	5.15	5.1	5.08	4.76	4.85	5.83	5.72	5.36
3	21007	6.21	6.27	6.24	6	5.91	5.82	5.66	5.64	5.52	5.53	5.59	5.4	5.19	5.14	5.08	4.75	4.85	5.86	5.72	5.34
3	20469	6.73	6.78	6.77	6.65	6.55	6.48	6.35	6.3	6.21	6.2	6.2	6.04	5.86	5.77	5.68	5.36	5.39	6.27	6.13	5.79
3	21094	6.18	6.22	6.19	5.96	5.86	5.76	5.6	5.57	5.45	5.45	5.52	5.32	5.11	5.06	5	4.67	4.78	5.76	5.62	5.24
3	19761	6.5	6.6	6.54	6.37	6.28	6.17	6.01	5.96	5.94	5.93	6.01	5.89	5.74	5.69	5.68	5.59	5.68	6.17	6.17	5.83
3	19766	5.55	5.64	5.53	5.26	5.13	4.97	4.83	4.83	4.86	4.86	5	4.84	4.64	4.57	4.6	4.46	4.53	5.22	5.24	4.91
3	20031	6.36	6.46	6.39	6.2	6.1	5.98	5.84	5.81	5.8	5.79	5.86	5.75	5.6	5.54	5.51	5.4	5.5	6.08	6.03	5.7
3	20036	5.44	5.54	5.43	5.14	4.99	4.83	4.69	4.71	4.72	4.74	4.87	4.71	4.52	4.5	4.54	4.39	4.48	5.28	5.26	4.88
3	20390	6.59	6.66	6.59	6.41	6.35	6.26	6.16	6.14	6.1	6.11	6.18	6.06	5.94	5.92	5.9	5.83	5.92	6.43	6.39	6.01
3	20396	5.14	5.21	5.2	4.92	4.75	4.63	4.62	4.76	4.6	4.73	4.78	4.61	4.7	4.81	4.83	4.81	4.93	5.58	5.36	4.95
3	20931	6.14	6.24	6.2	5.98	5.91	5.81	5.71	5.71	5.66	5.69	5.8	5.65	5.39	5.34	5.35	5.01	5.05	6.23	6.13	5.67
3	20936	5.48	5.59	5.6	5.3	5.15	5.02	4.94	5.02	4.93	5.01	5.14	4.97	4.81	4.89	4.94	4.73	4.88	5.95	5.73	5.25
3	21271	5.98	6.02	5.99	5.74	5.65	5.54	5.37	5.34	5.22	5.24	5.32	5.13	4.91	4.88	4.83	4.52	4.64	5.57	5.44	5.07
3	21791	6.39	6.34	6.29	6.03	5.9	5.76	5.52	5.41	5.26	5.26	5.36	5.12	4.87	4.75	4.67	4.33	4.33	5.09	5.09	4.78
3	20890	7.01	7.04	7.04	6.99	6.95	6.93	6.88	6.84	6.81	6.78	6.78	6.71	6.64	6.59	6.54	6.43	6.36	6.47	6.43	6.35
3	19990	7.23	7.31	7.34	7.31	7.29	7.3	7.25	7.23	7.23	7.21	7.21	7.14	7.07	7.01	6.97	6.87	6.8	6.86	6.82	6.74
3	20378	6.8	6.83	6.83	6.76	6.7	6.65	6.54	6.47	6.4	6.37	6.35	6.21	6.05	5.95	5.84	5.54	5.53	6.31	6.18	5.88
3	24577	5.51	5.31	5.23	4.96	4.86	4.73	4.87	4.82	4.56	4.65	4.81	4.55	4.24	4.03	4	3.66	3.49	3.86	4.18	4.08
3	24587	4.74	4.67	4.6	4.36	4.31	4.19	4.22	4.16	3.97	4.09	4.25	4.08	3.82	3.7	3.71	3.46	3.37	3.98	4.29	4.11
3	19177	7.79	7.87	7.9	7.85	7.83	7.81	7.76	7.76	7.76	7.72	7.71	7.64	7.57	7.5	7.47	7.36	7.27	7.26	7.22	7.16
3	19213	7.41	7.51	7.51	7.46	7.41	7.37	7.3	7.27	7.26	7.21	7.21	7.15	7.07	7	6.96	6.88	6.82	6.91	6.96	6.92
3	20357	6.99	7.03	7.03	6.99	6.95	6.94	6.88	6.85	6.82	6.79	6.78	6.71	6.64	6.57	6.52	6.39	6.29	6.45	6.45	6.35
3	20206	6.74	6.81	6.82	6.75	6.69	6.64	6.57	6.52	6.48	6.45	6.47	6.39	6.24	6.14	6.06	5.87	5.91	6.39	6.31	6.08
3	20350	7.1	7.16	7.17	7.13	7.1	7.1	7.05	7.02	7.01	6.99	6.98	6.92	6.85	6.8	6.75	6.65	6.59	6.68	6.63	6.56
3	20900	6.77	6.77	6.75	6.66	6.56	6.48	6.31	6.23	6.11	6.06	6.04	5.86	5.65	5.55	5.43	5.07	5.07	5.94	5.81	5.48
3	19274	7.56	7.67	7.71	7.68	7.66	7.64	7.59	7.57	7.57	7.54	7.53	7.46	7.38	7.32	7.28	7.18	7.11	7.15	7.13	7.07
3	23229	6.07	5.98	5.94	5.67	5.59	5.46	5.32	5.25	5.09	5.18	5.36	5.13	4.86	4.7	4.66	4.35	4.25	4.81	4.95	4.78
3	21914	5.16	5.19	5.2	4.98	4.95	4.86	4.76	4.76	4.68	4.79	4.9	4.76	4.59	4.6	4.61	4.37	4.49	5.31	5.23	4.91
3	23881	4.94	4.97	4.97	4.8	4.82	4.73	4.68	4.64	4.57	4.68	4.76	4.63	4.46	4.43	4.44	4.22	4.21	4.82	4.89	4.69
3	23894	4.64	4.68	4.7	4.5	4.54	4.45	4.38	4.36	4.27	4.39	4.5	4.37	4.19	4.15	4.17	3.95	3.95	4.66	4.81	4.5
3	24628	2.35	2.37	2.4	2.19	2.29	2.21	2.18	2.18	2.09	2.15	2.25	2.19	2.06	1.96	2.01	1.81	1.84	2.51	2.86	2.42
3	24900	1.83	1.86	1.87	1.76	1.84	1.76	1.79	1.98	2	2.1	2.09	2.06	2.02	2.04	2.04	1.95	2.04	2.33	2.28	2.13
3	25681	3.78	3.74	3.72	3.57	3.62	3.52	3.53	3.46	3.31	3.41	3.59	3.45	3.24	3.13	3.15	2.93	2.89	3.43	3.85	3.63
3	25694	2.98	2.94	2.96	2.77	2.84	2.74	2.7	2.65	2.52	2.63	2.85	2.73	2.51	2.41	2.44	2.23	2.21	2.76	3.36	2.99
3	25868	3.19	3.15	3.17	2.99	3.06	2.96	2.94	2.88	2.75	2.86	3.05	2.92	2.72	2.63	2.64	2.44	2.42	2.93	3.44	3.11
3	26704	1.42	1.38	1.38	1.32	1.31	1.28	1.27	1.32	1.35	1.41	1.48	1.45	1.41	1.4	1.41	1.36	1.37	1.48	1.49	1.44
3	26616	1.41	1.38	1.4	1.32	1.35	1.29	1.29	1.37	1.41	1.5	1.56	1.5	1.46	1.47	1.46	1.4	1.47	1.57	1.54	1.5
3	25660	4.34	4.22	4.16	3.91	3.86	3.72	3.91	3.82	3.59	3.71	3.84	3.63	3.37	3.26	3.26	2.99	3.03	3.4	3.83	3.64
3	26763	2.36	2.32	2.3	2.25	2.22	2.18	2.14	2.11	2.07	2.11	2.17	2.04	1.88	1.85	1.81	1.68	1.73	2.08	2.3	2.14
3	23403	6.02	6.02	6.01	5.95	5.91	5.88	5.85	5.83	5.78	5.78	5.81	5.75	5.66	5.58	5.54	5.41	5.22	5.32	5.29	5.16

Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44
6.78	7.33	7.52	7.55	7.93	8.34	8.25	8.17	8.14	8.09	8.21	8.22	8.12	8.13	8.21	8.18	8.2	8.13	8.08	8.1	8.12	8.36	8.48	8.41
6.82	7.47	7.54	7.47	7.78	8.18	8.05	7.93	7.86	7.8	7.9	7.94	7.83	7.85	7.93	7.88	7.91	7.85	7.8	7.82	7.82	8.07	8.22	8.14
6.94	7.6	7.56	7.43	7.73	8.14	7.97	7.82	7.74	7.67	7.77	7.81	7.69	7.73	7.82	7.77	7.8	7.73	7.68	7.72	7.71	7.98	8.15	8.05
6.71	7.32	7.49	7.49	7.86	8.25	8.16	8.07	8.03	7.98	8.1	8.11	8.01	8.01	8.08	8.04	8.07	8	7.95	7.97	7.98	8.23	8.35	8.27
6.81	7.32	7.49	7.52	7.89	8.28	8.18	8.11	8.11	8.08	8.24	8.23	8.12	8.09	8.15	8.12	8.14	8.06	8.01	8.04	8.07	8.33	8.41	8.33
6.61	7.27	7.14	6.85	7.24	7.61	7.34	7.13	6.97	6.91	7.08	7.03	6.84	6.96	7.04	6.96	7.03	6.88	6.85	6.85	6.84	7.36	7.44	7.24
6.4	7.25	7.32	7.27	7.55	7.87	7.72	7.61	7.53	7.47	7.6	7.62	7.48	7.46	7.54	7.5	7.53	7.45	7.4	7.41	7.39	7.67	7.79	7.68
6.48	7.28	7.38	7.36	7.67	8.01	7.88	7.77	7.71	7.66	7.78	7.79	7.68	7.66	7.73	7.69	7.71	7.64	7.59	7.61	7.59	7.87	7.98	7.88
6.34	7.18	7.19	7.12	7.37	7.68	7.5	7.36	7.27	7.21	7.35	7.36	7.21	7.18	7.28	7.23	7.28	7.18	7.13	7.14	7.11	7.42	7.54	7.41
6.27	7.13	7.24	7.25	7.56	7.87	7.72	7.61	7.55	7.5	7.63	7.63	7.5	7.47	7.53	7.51	7.55	7.46	7.41	7.41	7.41	7.67	7.78	7.68
6.21	7.07	7.13	7.1	7.37	7.66	7.48	7.35	7.27	7.21	7.35	7.35	7.21	7.17	7.25	7.22	7.27	7.17	7.12	7.12	7.1	7.38	7.51	7.39
6.1	6.87	6.87	6.82	7.06	7.34	7.12	6.97	6.87	6.8	6.95	6.96	6.79	6.74	6.84	6.82	6.88	6.77	6.72	6.72	6.7	6.98	7.12	6.99
6.12	6.76	6.64	6.51	6.77	7.07	6.76	6.57	6.44	6.37	6.58	6.51	6.28	6.33	6.41	6.38	6.47	6.28	6.26	6.25	6.25	6.71	6.79	6.58
6.99	7.36	7.42	7.39	7.76	8.12	7.91	7.76	7.69	7.64	7.73	7.76	7.65	7.73	7.84	7.8	7.85	7.77	7.71	7.76	7.79	8.05	8.21	8.09
7.09	7.52	7.45	7.36	7.71	8.09	7.86	7.69	7.62	7.56	7.66	7.69	7.58	7.65	7.76	7.71	7.76	7.68	7.63	7.68	7.7	7.98	8.15	8.01
7.26	7.43	7.27	7.09	7.66	7.89	7.46	7.29	7.23	7.22	7.34	7.28	7.19	7.37	7.4	7.36	7.4	7.3	7.31	7.34	7.42	7.85	7.86	7.61
7.18	7.39	7.21	6.98	7.58	7.8	7.36	7.18	7.11	7.11	7.24	7.17	7.07	7.26	7.28	7.23	7.27	7.17	7.18	7.2	7.26	7.72	7.72	7.49
6.99	7.63	7.48	7.28	7.61	8.02	7.78	7.6	7.5	7.44	7.56	7.59	7.45	7.5	7.61	7.54	7.58	7.5	7.46	7.5	7.49	7.81	7.97	7.83
6.85	7.35	7.13	6.82	7.32	7.71	7.34	7.09	6.96	6.91	7.07	7.02	6.87	7.02	7.1	7.02	7.08	6.94	6.94	6.94	6.96	7.44	7.57	7.36
6.72	7.46	7.46	7.33	7.61	8	7.84	7.7	7.62	7.55	7.66	7.7	7.57	7.59	7.68	7.62	7.65	7.58	7.53	7.56	7.54	7.83	7.97	7.88
6.88	7.43	7.54	7.51	7.87	8.26	8.14	8.02	7.96	7.91	8.01	8.04	7.93	7.96	8.05	8.01	8.05	7.98	7.92	7.94	7.96	8.2	8.35	8.27
6.65	7.4	7.42	7.31	7.6	7.97	7.82	7.68	7.6	7.54	7.65	7.68	7.56	7.56	7.66	7.59	7.62	7.55	7.5	7.53	7.51	7.8	7.93	7.83
6.67	7.1	7.21	7.19	7.54	7.77	7.54	7.38	7.31	7.27	7.32	7.31	7.24	7.35	7.49	7.45	7.48	7.41	7.35	7.41	7.47	7.75	7.83	7.68
6.18	6.97	7.09	7.03	7.36	7.72	7.48	7.21	7.03	6.88	6.91	6.94	6.83	6.94	7.16	7.14	7.16	7.04	6.92	6.98	7.03	7.3	7.47	7.34
6.66	7.19	7.24	7.2	7.55	7.84	7.59	7.4	7.32	7.26	7.33	7.34	7.25	7.35	7.5	7.45	7.49	7.4	7.34	7.4	7.45	7.73	7.86	7.7
6.47	7.24	7.18	7.01	7.42	7.82	7.49	7.15	6.96	6.8	6.95	6.94	6.77	6.99	7.2	7.11	7.15	6.97	6.86	6.96	7.02	7.36	7.55	7.36
7.01	7.19	7.2	7.15	7.52	7.73	7.44	7.32	7.28	7.27	7.34	7.33	7.26	7.38	7.47	7.42	7.46	7.39	7.37	7.43	7.5	7.83	7.87	7.66
6.28	6.24	6.11	5.89	6.55	6.37	5.95	5.87	5.87	5.79	5.98	5.93	5.85	6.05	5.98	5.94	5.94	5.83	5.88	5.91	5.93	6.27	6.21	5.95
7.42	7.76	7.35	6.93	7.79	8.08	7.22	6.95	6.89	6.88	7.11	7.09	6.87	7.16	7.19	7.06	7.12	6.92	6.97	7.08	7.13	7.82	7.79	7.27
7.27	8.08	7.33	6.53	7.6	8.3	6.76	6.32	6.25	6.17	6.59	6.67	6.24	6.63	6.71	6.42	6.52	6.18	6.26	6.5	6.48	7.41	7.44	6.59
6.58	7.36	7.35	7.23	7.49	7.85	7.68	7.54	7.44	7.37	7.51	7.53	7.38	7.38	7.49	7.41	7.46	7.37	7.32	7.34	7.31	7.63	7.76	7.63
6.3	7.16	7.27	7.29	7.6	7.93	7.78	7.68	7.62	7.57	7.71	7.71	7.58	7.55	7.61	7.58	7.62	7.53	7.49	7.49	7.49	7.75	7.86	7.76
6.87	7.35	7.51	7.55	7.92	8.31	8.22	8.16	8.16	8.14	8.29	8.28	8.17	8.14	8.2	8.18	8.2	8.11	8.06	8.09	8.13	8.39	8.46	8.39
7.27	7.74	7.86	7.88	8.24	8.64	8.55	8.48	8.5	8.48	8.64	8.62	8.52	8.5	8.61	8.61	8.61	8.51	8.45	8.51	8.6	8.86	8.89	8.8
6.85	7.39	7.53	7.53	7.9	8.3	8.18	8.07	8.01	7.96	8.06	8.08	7.99	8.02	8.11	8.07	8.11	8.03	7.98	8	8.02	8.26	8.4	8.32
5.52	6.26	6.31	6.37	6.64	6.91	6.7	6.58	6.47	6.4	6.51	6.5	6.38	6.33	6.43	6.45	6.47	6.39	6.45	6.49	6.46	6.66	6.78	6.65
5.42	5.96	5.85	5.77	5.99	6.24	5.98	5.87	5.8	5.76	5.97	5.97	5.82	5.78	5.91	5.87	5.86	5.73	5.77	5.79	5.76	6.04	6.16	5.97
7.69	8.12	8.19	8.19	8.48	8.87	8.75	8.67	8.66	8.65	8.79	8.79	8.7	8.69	8.85	8.89	8.84	8.73	8.66	8.77	8.95	9.21	9.14	9.04
7.43	7.81	7.83	7.79	8.16	8.44	8.26	8.1	8.04	8.01	8.11	8.11	8.03	8.12	8.29	8.27	8.3	8.22	8.15	8.2	8.28	8.53	8.58	8.47
6.89	7.39	7.57	7.61	8.01	8.43	8.35	8.28	8.28	8.24	8.38	8.37	8.27	8.27	8.35	8.32	8.34	8.26	8.21	8.24	8.27	8.52	8.61	8.54
6.83	7.34	7.46	7.46	7.85	8.21	8.04	7.89	7.82	7.77	7.87	7.89	7.79	7.85	7.97	7.94	7.98	7.9	7.84	7.87	7.9	8.15	8.31	8.21
7.08	7.53	7.66	7.69	8.07	8.48	8.41	8.35	8.37	8.35	8.51	8.49	8.39	8.36	8.44	8.43	8.43	8.34	8.29	8.33	8.4	8.65	8.71	8.63
6.65	7.28	7.46	7.47	7.83	8.22	8.12	8.04	8.01	7.96	8.08	8.09	7.99	7.98	8.05	8.01	8.03	7.96	7.91	7.93	7.94	8.2	8.3	8.23
7.61	8.04	8.1	8.08	8.41	8.75	8.63	8.52	8.5	8.47	8.6	8.59	8.51	8.53	8.68	8.7	8.7	8.6	8.53	8.6	8.71	8.97	8.97	8.88
6.22	6.92	6.98	7.02	7.29	7.59	7.41	7.29	7.22	7.16	7.3	7.29	7.15	7.11	7.17	7.16	7.21	7.12	7.09	7.1	7.09	7.32	7.45	7.35
6.83	7.27	6.83	6.2	7.09	7.3	6.25	5.98	5.8	5.77	6.1	6.01	5.66	5.94	6.03	5.85	6.04	5.75	5.76	5.83	5.81	6.73	6.55	5.95
6.09	5.99	5.78	5.54	6.17	6	5.5	5.47	5.36	5.4	5.59	5.46	5.27	5.44	5.47	5.42	5.53	5.32	5.38	5.35	5.39	5.85	5.72	5.41
6.56	6.7	6.16	5.65	6.57	6.56	5.51	5.44	5.27	5.22	5.62	5.47	5.08	5.34	5.48	5.3	5.59	5.2	5.22	5.29	5.29	6.07	5.98	5.27
4.4	4.29	3.71	3.18	4.11	3.94	3.07	3.29	3.06	2.89	3.22	3.27	2.97	3.24	3.12	2.95	3.44	3.04	3.04	3.19	3.12	3.46	3.55	2.81
3.42	2.76	2.58	2.28	3.13	2.59	2.24	2.57	2.28	2.3	2.44	2.41	2.26	2.53	2.26	2.28	2.54	2.28	2.35	2.4	2.36	2.52	2.4	1.99
4.94	5.03	4.74	4.47	4.99	4.9	4.4	4.35	4.22	4.2	4.45	4.39	4.26	4.36	4.44	4.31	4.38	4.24	4.35	4.34	4.31	4.81	4.76	4.3
4.95	5.19	4.81	4.36	5.03	4.91	4.16	3.99	3.77	3.61	4.06	4.03	3.77	3.91	4.06	3.81	4.06	3.72	3.88	3.93	3.89	4.63	4.73	3.83
4.67	4.77	4.55	4.19	4.72	4.58	4.06	3.91	3.73	3.66	4	3.95	3.77	3.91	4	3.81	3.94	3.71	3.88	3.87	3.84	4.49	4.48	3.79
1.96	2.33	2.34	2.17	2.27	2.31	2.16	2.05	1.92	1.81	1.86	1.93	1.85	1.89	1.89	1.88	1.89	1.82	1.86	1.88	1.91	2.05	2.13	1.94
2.05	2.39	2.4	2.21	2.31	2.37	2.2	2.1	1.97	1.85	1.91	1.97	1.87	1.91	1.91	1.9	1.92	1.86	1.9	1.92	1.95	2.08	2.16	1.96
4.85	5.36	5.34	5.3	5.49	5.65	5.46																	

Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
8.36	8.24	8.12	8	7.91	7.82	7.73	7.65	5.58	7.40	7.78	8.48	0.883	2.90
8.07	7.94	7.81	7.7	7.6	7.51	7.41	7.33	5.01	7.06	7.53	8.22	1.001	3.21
7.95	7.81	7.68	7.56	7.46	7.36	7.25	7.15	5.04	6.99	7.51	8.15	0.958	3.11
8.22	8.1	7.98	7.87	7.77	7.68	7.6	7.52	5.16	7.21	7.64	8.35	0.983	3.19
8.29	8.17	8.06	7.95	7.86	7.77	7.7	7.62	6.25	7.48	7.74	8.41	0.711	2.16
7.09	6.87	6.67	6.52	6.41	6.31	6.22	6.12	4.52	6.26	6.64	7.61	0.916	3.09
7.6	7.48	7.35	7.23	7.14	7.05	6.96	6.86	4.37	6.58	7.24	7.87	1.128	3.50
7.81	7.69	7.57	7.46	7.37	7.28	7.19	7.11	4.54	6.78	7.37	8.01	1.112	3.47
7.31	7.17	7.03	6.9	6.8	6.67	6.53	6.39	4.27	6.35	6.97	7.68	1.092	3.41
7.61	7.48	7.36	7.25	7.17	7.09	7.01	6.92	4.27	6.57	7.21	7.87	1.159	3.60
7.3	7.16	7.03	6.91	6.82	6.73	6.63	6.51	4.17	6.32	6.97	7.66	1.118	3.49
6.87	6.72	6.57	6.44	6.33	6.2	6.06	5.91	4.10	6.01	6.51	7.34	1.009	3.24
6.42	6.18	5.98	5.84	5.78	5.68	5.59	5.49	4.15	5.73	6.05	7.07	0.856	2.92
7.98	7.83	7.7	7.58	7.48	7.36	7.24	7.14	5.74	7.15	7.41	8.21	0.749	2.47
7.89	7.74	7.61	7.49	7.38	7.26	7.14	7	5.47	7.05	7.42	8.15	0.796	2.68
7.44	7.29	7.18	7.05	6.91	6.78	6.67	6.54	5.10	6.77	7.14	7.89	0.758	2.79
7.31	7.15	7.03	6.91	6.78	6.65	6.54	6.43	5.00	6.65	7.01	7.80	0.762	2.80
7.71	7.56	7.41	7.27	7.13	6.98	6.85	6.72	4.94	6.81	7.28	8.02	0.921	3.08
7.19	6.96	6.78	6.65	6.53	6.42	6.32	6.22	4.76	6.41	6.80	7.71	0.821	2.95
7.79	7.65	7.52	7.4	7.29	7.19	7.09	6.98	4.75	6.79	7.37	8.00	1.023	3.25
8.2	8.07	7.95	7.83	7.74	7.65	7.55	7.47	5.36	7.23	7.60	8.35	0.915	2.99
7.75	7.62	7.48	7.36	7.26	7.16	7.06	6.95	4.67	6.75	7.34	7.97	1.044	3.30
7.53	7.39	7.27	7.14	7.01	6.86	6.73	6.61	5.59	6.82	7.12	7.83	0.694	2.24
7.17	6.96	6.74	6.53	6.33	6.09	5.79	5.56	4.46	6.17	6.64	7.72	1.046	3.26
7.55	7.39	7.26	7.13	7	6.85	6.71	6.59	5.40	6.77	7.16	7.86	0.769	2.46
7.13	6.83	6.53	6.25	5.99	5.76	5.52	5.33	4.39	6.11	6.50	7.82	1.098	3.43
7.51	7.37	7.29	7.16	7.02	6.85	6.74	6.62	5.83	6.89	7.16	7.87	0.614	2.04
5.84	5.62	5.37	5.19	5.09	5.03	4.97	4.87	4.60	5.47	5.60	6.55	0.584	1.95
7.02	6.82	6.68	6.57	6.45	6.33	6.24	6.14	5.01	6.55	6.75	8.08	0.779	3.07
6.24	5.94	5.7	5.56	5.47	5.39	5.33	5.26	4.73	5.99	5.95	8.30	0.906	3.57
7.54	7.4	7.25	7.12	7	6.88	6.75	6.62	4.52	6.56	7.18	7.85	1.055	3.33
7.69	7.57	7.44	7.34	7.26	7.17	7.09	7.02	4.33	6.66	7.27	7.93	1.153	3.60
8.35	8.24	8.12	8.01	7.92	7.83	7.75	7.68	6.35	7.53	7.79	8.46	0.710	2.11
8.77	8.65	8.53	8.42	8.32	8.23	8.15	8.07	6.74	7.92	8.19	8.89	0.710	2.15
8.26	8.13	8.01	7.89	7.79	7.7	7.61	7.52	5.53	7.31	7.66	8.40	0.875	2.87
6.54	6.38	6.24	6.12	6.03	5.94	5.86	5.77	3.49	5.66	6.18	6.91	1.000	3.42
5.82	5.68	5.51	5.34	5.23	5.08	4.95	4.83	3.37	5.11	5.47	6.24	0.871	2.87
9	8.88	8.77	8.66	8.56	8.46	8.37	8.29	7.16	8.26	8.42	9.21	0.593	2.05
8.39	8.27	8.14	8.02	7.92	7.83	7.74	7.66	6.82	7.75	7.83	8.58	0.519	1.76
8.5	8.38	8.26	8.15	8.05	7.96	7.88	7.8	6.29	7.60	7.92	8.61	0.775	2.32
8.12	7.98	7.84	7.73	7.62	7.52	7.41	7.31	5.87	7.27	7.49	8.31	0.743	2.44
8.6	8.49	8.37	8.26	8.16	8.07	7.99	7.91	6.56	7.74	8.03	8.71	0.728	2.15
8.18	8.06	7.94	7.83	7.73	7.64	7.56	7.48	5.07	7.17	7.60	8.30	1.002	3.23
8.83	8.71	8.59	8.48	8.37	8.29	8.2	8.12	7.07	8.10	8.25	8.97	0.588	1.90
7.26	7.12	6.98	6.87	6.79	6.7	6.62	6.54	4.25	6.35	6.90	7.59	1.019	3.34
5.67	5.42	5.26	5.2	5.17	5.14	5.12	5.09	4.37	5.55	5.37	7.30	0.752	2.93
5.3	5.16	5.08	5.06	5.06	5.03	5	4.97	4.21	5.15	5.12	6.17	0.480	1.96
5	4.76	4.63	4.61	4.63	4.6	4.59	4.56	3.95	5.03	4.79	6.70	0.707	2.75
2.5	2.27	2.1	2.1	2.06	2.11	2.09	2.06	1.81	2.73	2.51	4.40	0.668	2.59
1.88	1.81	1.79	1.84	1.8	1.83	1.81	1.81	1.76	2.18	2.12	3.42	0.350	1.66
4.11	3.95	3.85	3.8	3.77	3.76	3.72	3.68	2.89	3.99	3.90	5.03	0.550	2.14
3.36	3.03	2.86	2.82	2.81	2.78	2.76	2.72	2.21	3.43	3.20	5.19	0.822	2.98
3.48	3.24	3.12	3.09	3.08	3.06	3.03	2.99	2.42	3.49	3.34	4.77	0.640	2.35
1.75	1.59	1.48	1.4	1.35	1.32	1.3	1.28	1.27	1.68	1.54	2.34	0.334	1.07
1.76	1.58	1.46	1.39	1.35	1.32	1.31	1.31	1.29	1.72	1.58	2.40	0.340	1.11
5.47	5.28	5.09	4.94	4.76	4.57	4.39	4.25	2.99	4.64	5.02	5.75	0.851	2.76
2.63	2.51	2.43	2.37	2.32	2.27	2.24	2.2	1.68	2.45	2.47	3.18	0.371	1.50
6.72	6.58	6.45	6.36	6.3	6.23	6.17	6.11	5.16	6.21	6.34	6.94	0.483	1.78

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20
Base83bc_Exist_95_83ops																					
3	20457	6.88	6.89	6.87	6.79	6.73	6.68	6.6	6.55	6.51	6.46	6.45	6.3	6.08	5.98	5.86	5.55	5.53	6.3	6.1	5.74
3	20737	6.48	6.48	6.41	6.16	6.16	6.11	6.03	6.06	5.93	5.95	5.94	5.66	5.51	5.53	5.49	5.17	5.31	6.28	5.93	5.38
3	20743	6.25	6.28	6.19	5.95	6.09	6.04	6.07	6.09	5.94	6.02	5.91	5.65	5.6	5.68	5.62	5.37	5.56	6.35	5.89	5.29
3	20726	6.79	6.79	6.75	6.64	6.53	6.45	6.3	6.26	6.16	6.12	6.11	5.89	5.68	5.61	5.53	5.18	5.21	6.14	5.94	5.51
3	20980	6.99	7.02	7.02	6.96	6.92	6.9	6.84	6.79	6.75	6.73	6.72	6.65	6.57	6.51	6.46	6.33	6.17	6.34	6.34	6.21
3	21277	5.78	5.76	5.7	5.46	5.48	5.4	5.37	5.35	5.2	5.27	5.27	5.04	4.91	4.98	4.91	4.67	4.87	5.69	5.42	4.97
3	21529	6.23	6.19	6.12	5.83	5.73	5.62	5.44	5.4	5.27	5.27	5.36	5.09	4.85	4.8	4.76	4.43	4.54	5.42	5.33	4.92
3	21259	6.47	6.43	6.36	6.1	5.98	5.87	5.69	5.65	5.52	5.5	5.56	5.3	5.05	4.99	4.94	4.59	4.68	5.61	5.51	5.08
3	21891	5.93	5.89	5.83	5.55	5.48	5.38	5.23	5.2	5.06	5.1	5.18	4.93	4.71	4.68	4.63	4.34	4.47	5.27	5.18	4.79
3	21971	6.39	6.33	6.26	5.97	5.84	5.7	5.48	5.4	5.26	5.26	5.38	5.12	4.84	4.72	4.65	4.32	4.32	5.07	5.08	4.77
3	22335	5.96	5.91	5.86	5.56	5.48	5.37	5.2	5.15	5.01	5.05	5.18	4.93	4.67	4.58	4.54	4.23	4.3	5.03	5.01	4.69
3	23325	5.62	5.57	5.54	5.27	5.23	5.13	5.03	5	4.84	4.93	5.07	4.82	4.58	4.49	4.46	4.18	4.2	4.83	4.88	4.62
3	23331	5.39	5.34	5.32	5.09	5.11	5.01	4.98	4.93	4.77	4.89	4.93	4.72	4.55	4.54	4.47	4.26	4.33	4.9	4.89	4.59
3	20297	6.24	6.24	6.11	6.1	6.35	6.33	6.51	6.42	6.32	6.45	6.04	6.07	6.12	6.23	6.03	6.02	6.11	6.24	5.81	5.23
3	20477	6.12	6.15	6.01	6	6.28	6.25	6.45	6.35	6.23	6.38	5.94	5.96	6.02	6.17	5.97	5.95	6.08	6.28	5.79	5.18
3	20838	5.92	5.93	5.78	5.99	6.24	6.25	6.49	6.29	6.2	6.3	5.74	5.99	6.05	6.23	5.98	6.07	6.11	6.06	5.61	5.03
3	21017	5.87	5.88	5.74	5.86	6.1	6.09	6.3	6.13	6.02	6.13	5.65	5.82	5.86	6.03	5.8	5.84	5.94	6.01	5.58	5.02
3	20925	6.03	6.06	5.95	5.79	5.99	5.94	6.03	6	5.84	5.96	5.73	5.58	5.57	5.7	5.57	5.42	5.63	6.21	5.74	5.15
3	21105	5.78	5.78	5.69	5.58	5.73	5.69	5.78	5.71	5.56	5.67	5.46	5.37	5.34	5.47	5.32	5.21	5.4	5.9	5.52	5
3	21007	6.2	6.19	6.12	5.86	5.88	5.82	5.75	5.77	5.63	5.65	5.65	5.38	5.24	5.28	5.23	4.93	5.12	6.05	5.72	5.19
3	20469	6.67	6.67	6.61	6.4	6.38	6.34	6.27	6.3	6.21	6.23	6.2	5.94	5.82	5.82	5.76	5.47	5.57	6.43	6.07	5.54
3	21094	6.21	6.2	6.13	5.87	5.84	5.77	5.67	5.68	5.54	5.55	5.58	5.31	5.14	5.16	5.11	4.8	4.97	5.93	5.66	5.16
3	19761	5.81	5.8	5.62	5.77	6	6.01	6.23	6.1	6.04	6.13	5.64	5.83	5.86	5.99	5.79	5.87	5.85	5.8	5.47	4.91
3	19766	5.19	5.21	4.97	4.68	4.78	4.73	4.8	4.92	4.92	4.99	5	4.73	4.63	4.67	4.69	4.58	4.68	5.21	5.02	4.48
3	20031	5.82	5.82	5.63	5.59	5.83	5.82	6.02	5.96	5.9	6.01	5.66	5.64	5.67	5.79	5.64	5.66	5.72	5.86	5.5	4.92
3	20036	5.18	5.19	4.97	4.64	4.72	4.7	4.78	4.9	4.9	4.99	4.99	4.68	4.57	4.63	4.69	4.57	4.69	5.33	5.09	4.52
3	20390	5.88	5.87	5.71	6.07	6.29	6.35	6.6	6.35	6.3	6.36	5.71	6.11	6.16	6.34	6.07	6.23	6.17	5.94	5.53	4.97
3	20396	5.23	5.1	4.97	4.82	5.1	5.23	5.34	5.45	5.43	5.47	5.07	4.78	4.94	5.12	5.29	5.22	5.34	5.67	5.35	4.61
3	20931	5.78	5.79	5.65	5.71	5.96	5.98	6.22	6.09	5.98	6.13	5.67	5.76	5.79	5.99	5.81	5.86	5.99	6.14	5.66	5.05
3	20936	5.47	5.46	5.34	5.03	5.2	5.29	5.42	5.53	5.44	5.59	5.44	5.07	5.03	5.22	5.33	5.19	5.45	6.23	5.7	5.02
3	21271	6.07	6.05	5.98	5.71	5.67	5.58	5.47	5.46	5.32	5.35	5.4	5.14	4.95	4.97	4.92	4.62	4.78	5.71	5.5	5.04
3	21791	6.56	6.48	6.39	6.12	5.97	5.83	5.59	5.5	5.36	5.35	5.45	5.19	4.92	4.79	4.72	4.37	4.38	5.15	5.15	4.82
3	20890	7.01	7.04	7.04	6.99	6.95	6.93	6.87	6.83	6.79	6.76	6.76	6.69	6.61	6.55	6.5	6.39	6.31	6.42	6.39	6.3
3	19990	7.2	7.27	7.29	7.24	7.21	7.2	7.14	7.12	7.12	7.09	7.08	7	6.93	6.86	6.81	6.71	6.63	6.69	6.65	6.58
3	20378	6.76	6.76	6.72	6.59	6.51	6.47	6.4	6.41	6.34	6.34	6.32	6.11	5.96	5.93	5.86	5.58	5.63	6.42	6.12	5.65
3	24577	5.55	5.35	5.26	4.99	4.89	4.77	4.93	4.89	4.64	4.73	4.87	4.6	4.28	4.06	4.02	3.66	3.49	3.85	4.15	4.06
3	24587	4.74	4.68	4.62	4.4	4.48	4.36	4.51	4.36	4.1	4.21	4.32	4.09	3.85	3.76	3.76	3.51	3.46	3.93	4.34	4.11
3	19177	7.62	7.68	7.68	7.62	7.64	7.62	7.64	7.6	7.51	7.47	7.43	7.31	7.25	7.25	7.22	7.14	7.09	7.06	6.99	6.89
3	19213	7.2	7.24	7.19	7.1	7.11	7.09	7.09	7.09	7.03	6.99	7	6.85	6.76	6.74	6.73	6.65	6.64	6.72	6.7	6.56
3	20357	6.98	7.02	7.02	6.96	6.91	6.89	6.82	6.78	6.75	6.72	6.71	6.64	6.56	6.48	6.42	6.28	6.13	6.35	6.35	6.23
3	20206	6.55	6.55	6.48	6.35	6.43	6.43	6.48	6.49	6.45	6.48	6.37	6.22	6.2	6.21	6.1	6	6.08	6.29	6.01	5.49
3	20350	7.09	7.14	7.16	7.11	7.07	7.06	7	6.97	6.95	6.92	6.92	6.84	6.78	6.72	6.67	6.56	6.49	6.58	6.53	6.46
3	20900	6.8	6.79	6.76	6.65	6.54	6.45	6.29	6.23	6.12	6.07	6.06	5.84	5.62	5.53	5.44	5.08	5.1	6.01	5.86	5.45
3	19274	7.46	7.52	7.52	7.46	7.44	7.42	7.4	7.38	7.32	7.27	7.26	7.16	7.06	7.02	7	6.91	6.87	6.91	6.88	6.79
3	23229	6.22	6.08	6.01	5.74	5.64	5.52	5.4	5.34	5.19	5.28	5.45	5.21	4.91	4.75	4.71	4.39	4.28	4.85	4.99	4.8
3	21914	5.28	5.23	5.19	4.98	5.02	4.95	4.95	4.92	4.78	4.91	4.92	4.75	4.64	4.74	4.67	4.5	4.69	5.43	5.26	4.85
3	23881	5.08	5.03	5.01	4.88	4.85	4.87	4.93	4.82	4.69	4.82	4.76	4.65	4.55	4.61	4.49	4.38	4.43	4.9	4.93	4.58
3	23894	4.88	4.8	4.76	4.55	4.6	4.5	4.49	4.46	4.32	4.45	4.49	4.33	4.19	4.21	4.17	4	4.07	4.72	4.88	4.49
3	24628	2.35	2.37	2.41	2.18	2.19	2.08	1.96	1.94	1.83	1.88	2.08	2.03	1.85	1.75	1.84	1.65	1.71	2.46	2.87	2.49
3	24900	1.81	1.85	1.87	1.76	1.82	1.74	1.72	1.85	1.86	1.96	2.05	2.03	1.96	1.95	2	1.88	1.96	2.33	2.29	2.17
3	25681	4.04	3.94	3.89	3.67	3.72	3.63	3.69	3.6	3.4	3.5	3.64	3.46	3.25	3.17	3.18	2.97	2.94	3.44	3.99	3.67
3	25694	3.16	3.06	3.04	2.82	2.86	2.78	2.75	2.72	2.57	2.67	2.88	2.73	2.51	2.42	2.46	2.25	2.22	2.78	3.39	3.03
3	25868	3.37	3.27	3.25	3.04	3.09	3.01	3.02	2.97	2.81	2.91	3.08	2.92	2.72	2.64	2.66	2.46	2.45	2.95	3.49	3.16
3	26704	1.34	1.31	1.33	1.28	1.28	1.27	1.26	1.3	1.33	1.38	1.47	1.44	1.41	1.39	1.41	1.35	1.35	1.49	1.49	1.44
3	26616	1.35	1.33	1.37	1.31	1.34	1.29	1.3	1.35	1.37	1.46	1.55	1.5	1.46	1.46	1.47	1.4	1.45	1.56	1.54	1.5
3	25660	4.31	4.22	4.17	3.93	3.94	3.83	4.06	3.97	3.69	3.8	3.9	3.66	3.4	3.29	3.29	3.02	2.96	3.34	3.82	3.64
3	26763	2.31	2.28	2.27	2.21	2.19	2.17	2.14	2.12	2.09	2.09	2.21	2.17	2.05	1.87	1.82	1.69	1.72	2.09	2.28	2.12
3	23403	6.04	6.04	6.04	5.98	5.94	5.91	5.88	5.85	5.79	5.78	5.8	5.73	5.63	5.54	5.48	5.29	5.07	5.27	5.21	5.08

Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44
6.7	7.24	7.4	7.43	7.8	8.2	8.12	8.04	8.02	7.97	8.09	8.09	7.98	7.98	8.05	8.02	8.04	7.96	7.91	7.92	7.94	8.17	8.28	8.21
6.67	7.39	7.45	7.38	7.69	8.08	7.97	7.86	7.79	7.72	7.81	7.83	7.72	7.72	7.8	7.75	7.78	7.7	7.65	7.66	7.64	7.89	8.04	7.96
6.69	7.47	7.45	7.33	7.62	8.02	7.89	7.75	7.65	7.56	7.65	7.69	7.55	7.56	7.66	7.61	7.64	7.56	7.49	7.51	7.49	7.76	7.94	7.84
6.64	7.26	7.41	7.41	7.77	8.16	8.06	7.98	7.95	7.9	8.01	8.02	7.91	7.91	7.97	7.92	7.94	7.87	7.82	7.84	7.84	8.08	8.19	8.12
6.74	7.27	7.43	7.46	7.82	8.2	8.11	8.04	8.04	8.01	8.17	8.15	8.04	8.01	8.07	8.04	8.05	7.97	7.92	7.94	7.97	8.23	8.31	8.22
6.53	7.35	7.25	7.03	7.34	7.75	7.52	7.33	7.17	7.06	7.21	7.18	6.97	7.06	7.15	7.04	7.09	6.95	6.92	6.9	6.89	7.39	7.51	7.32
6.39	7.25	7.34	7.3	7.59	7.91	7.78	7.67	7.59	7.52	7.64	7.65	7.51	7.49	7.56	7.51	7.54	7.46	7.41	7.41	7.39	7.67	7.78	7.69
6.47	7.26	7.38	7.36	7.67	8.01	7.89	7.79	7.73	7.67	7.79	7.79	7.67	7.65	7.72	7.67	7.69	7.61	7.56	7.57	7.56	7.82	7.93	7.85
6.32	7.2	7.25	7.19	7.45	7.77	7.61	7.48	7.38	7.31	7.43	7.44	7.28	7.25	7.34	7.29	7.33	7.23	7.18	7.18	7.15	7.45	7.58	7.47
6.28	7.13	7.24	7.26	7.57	7.89	7.75	7.65	7.59	7.53	7.67	7.66	7.53	7.49	7.55	7.52	7.56	7.47	7.42	7.42	7.41	7.67	7.78	7.69
6.2	7.08	7.17	7.15	7.43	7.73	7.57	7.45	7.37	7.3	7.42	7.42	7.28	7.24	7.31	7.28	7.32	7.22	7.17	7.17	7.15	7.42	7.55	7.44
6.08	6.89	6.94	6.91	7.16	7.46	7.28	7.13	7.03	6.95	7.08	7.08	6.91	6.86	6.94	6.92	6.97	6.87	6.82	6.82	6.8	7.06	7.22	7.1
6.09	6.88	6.81	6.72	6.95	7.31	7.06	6.87	6.73	6.64	6.82	6.8	6.57	6.57	6.68	6.62	6.69	6.54	6.5	6.49	6.48	6.85	6.99	6.81
6.53	7.17	7.2	7.13	7.47	7.91	7.75	7.57	7.44	7.34	7.42	7.45	7.3	7.35	7.51	7.47	7.52	7.41	7.31	7.34	7.34	7.61	7.81	7.71
6.63	7.31	7.26	7.13	7.46	7.91	7.74	7.53	7.4	7.3	7.41	7.44	7.26	7.32	7.49	7.44	7.49	7.37	7.26	7.3	7.3	7.58	7.78	7.67
6.59	7.15	7.11	6.82	7.44	7.75	7.43	7.13	6.97	6.89	7.03	6.96	6.77	6.99	7.12	7.04	7.1	6.91	6.85	6.89	6.93	7.46	7.54	7.26
6.64	7.16	7.11	6.8	7.43	7.76	7.39	7.1	6.94	6.86	7.01	6.93	6.74	6.96	7.07	6.98	7.04	6.86	6.82	6.84	6.87	7.44	7.49	7.2
6.7	7.48	7.4	7.18	7.52	7.94	7.75	7.57	7.43	7.32	7.45	7.47	7.27	7.32	7.47	7.38	7.43	7.31	7.23	7.27	7.24	7.62	7.8	7.65
6.61	7.3	7.17	6.85	7.32	7.77	7.47	7.21	7	6.89	7.05	6.99	6.79	6.96	7.03	6.94	6.99	6.84	6.82	6.81	6.81	7.37	7.47	7.22
6.59	7.41	7.42	7.31	7.59	7.98	7.84	7.7	7.61	7.53	7.62	7.65	7.51	7.52	7.61	7.54	7.57	7.5	7.44	7.45	7.42	7.71	7.87	7.77
6.69	7.31	7.41	7.37	7.72	8.11	8	7.9	7.84	7.77	7.86	7.88	7.77	7.79	7.86	7.83	7.86	7.78	7.72	7.73	7.73	7.96	8.1	8.03
6.56	7.38	7.41	7.32	7.59	7.97	7.83	7.7	7.61	7.54	7.63	7.66	7.53	7.52	7.61	7.55	7.57	7.49	7.44	7.46	7.43	7.71	7.86	7.76
6.14	6.9	6.96	6.85	7.2	7.61	7.39	7.12	6.96	6.83	6.88	6.88	6.72	6.82	7.06	6.99	7.04	6.91	6.77	6.82	6.85	7.17	7.35	7.21
5.88	6.83	6.92	6.83	7.12	7.51	7.33	7.05	6.81	6.6	6.57	6.59	6.44	6.51	6.76	6.75	6.77	6.64	6.47	6.5	6.52	6.78	6.99	6.91
6.2	7	7.02	6.91	7.22	7.66	7.45	7.19	7.02	6.89	6.93	6.95	6.79	6.86	7.1	7.03	7.07	6.95	6.82	6.87	6.89	7.17	7.38	7.26
6.18	7.1	7.03	6.81	7.22	7.62	7.33	6.98	6.7	6.49	6.6	6.59	6.33	6.64	6.81	6.68	6.74	6.45	6.35	6.45	6.48	7.02	7.11	6.84
6.39	6.98	6.95	6.73	7.2	7.63	7.32	7.01	6.85	6.77	6.88	6.81	6.64	6.85	7.02	6.93	7	6.8	6.73	6.79	6.83	7.28	7.4	7.18
6.01	6.13	6.03	5.83	6.47	6.29	5.91	5.83	5.8	5.72	5.89	5.85	5.76	5.95	5.89	5.84	5.84	5.73	5.77	5.8	5.81	6.17	6.09	5.84
6.86	7.42	7.21	6.73	7.62	8.03	7.24	6.87	6.72	6.63	6.87	6.85	6.55	6.84	6.98	6.81	6.9	6.64	6.61	6.73	6.74	7.49	7.55	7.01
7.01	7.81	7.21	6.48	7.57	8.29	6.8	6.38	6.27	6.15	6.54	6.64	6.19	6.55	6.65	6.37	6.48	6.14	6.17	6.4	6.37	7.32	7.36	6.52
6.52	7.37	7.38	7.28	7.54	7.9	7.75	7.62	7.51	7.43	7.55	7.56	7.41	7.4	7.51	7.43	7.46	7.37	7.31	7.34	7.3	7.61	7.74	7.63
6.31	7.15	7.27	7.3	7.61	7.94	7.8	7.7	7.65	7.59	7.73	7.72	7.59	7.56	7.62	7.59	7.62	7.53	7.48	7.48	7.48	7.74	7.84	7.75
6.81	7.3	7.45	7.48	7.84	8.23	8.14	8.07	8.08	8.05	8.21	8.19	8.08	8.05	8.11	8.08	8.1	8.01	7.96	7.99	8.02	8.28	8.35	8.27
7.1	7.56	7.67	7.68	8.04	8.43	8.34	8.28	8.3	8.27	8.44	8.41	8.31	8.29	8.39	8.39	8.38	8.28	8.22	8.28	8.36	8.62	8.65	8.56
6.69	7.26	7.38	7.38	7.74	8.13	8.03	7.93	7.88	7.81	7.91	7.92	7.81	7.83	7.91	7.87	7.91	7.83	7.77	7.78	7.78	8	8.14	8.07
5.5	6.26	6.31	6.37	6.66	6.94	6.75	6.63	6.53	6.46	6.56	6.55	6.43	6.37	6.46	6.48	6.49	6.42	6.48	6.52	6.48	6.67	6.8	6.67
5.45	6.16	6.11	6.06	6.28	6.6	6.32	6.14	6	5.9	6.06	6.06	5.89	5.82	5.97	5.94	5.98	5.85	5.84	5.87	5.83	6.12	6.3	6.11
7.38	7.78	7.85	7.84	8.12	8.51	8.39	8.29	8.26	8.23	8.36	8.35	8.25	8.26	8.44	8.47	8.43	8.33	8.27	8.37	8.53	8.78	8.75	8.65
7.01	7.45	7.54	7.54	7.89	8.21	8.09	7.94	7.88	7.83	7.91	7.81	7.88	8.06	8.05	8.08	7.99	7.99	7.9	7.93	8.01	8.27	8.34	8.25
6.77	7.28	7.45	7.48	7.87	8.28	8.2	8.13	8.14	8.1	8.24	8.23	8.13	8.12	8.19	8.16	8.17	8.09	8.03	8.06	8.1	8.34	8.42	8.34
6.51	7.13	7.25	7.23	7.58	7.99	7.86	7.71	7.61	7.52	7.6	7.62	7.5	7.53	7.66	7.63	7.68	7.59	7.5	7.51	7.52	7.76	7.93	7.86
6.97	7.42	7.55	7.57	7.94	8.34	8.26	8.2	8.23	8.2	8.37	8.35	8.24	8.21	8.28	8.27	8.27	8.18	8.12	8.16	8.22	8.48	8.53	8.45
6.6	7.24	7.41	7.42	7.77	8.15	8.06	7.98	7.94	7.9	8.02	8.02	7.91	7.9	7.96	7.92	7.93	7.86	7.81	7.83	7.83	8.08	8.18	8.1
7.28	7.71	7.78	7.77	8.1	8.45	8.33	8.23	8.21	8.18	8.3	8.28	8.19	8.21	8.37	8.39	8.39	8.29	8.22	8.29	8.4	8.66	8.67	8.58
6.22	6.92	6.99	7.02	7.31	7.62	7.44	7.34	7.27	7.21	7.35	7.34	7.19	7.14	7.21	7.19	7.24	7.15	7.12	7.12	7.11	7.34	7.48	7.37
6.78	7.58	7.18	6.55	7.33	7.83	6.86	6.47	6.21	6.12	6.45	6.39	5.99	6.28	6.38	6.16	6.34	6.06	6.07	6.12	6.11	7.1	7.02	6.34
6.2	6.47	6.24	5.97	6.59	6.71	6.16	6.01	5.81	5.83	6.02	5.9	5.68	5.87	5.89	5.8	5.91	5.71	5.77	5.73	5.75	6.33	6.29	5.87
6.63	7.02	6.56	6.11	7.08	7.08	6.12	6.08	5.86	5.81	6.18	6.03	5.66	5.92	6.04	5.85	6.13	5.76	5.78	5.85	5.86	6.64	6.54	5.83
4.43	4.31	3.71	3.2	4.13	3.97	3.09	3.35	3.14	2.99	3.31	3.35	3.08	3.34	3.2	3.03	3.53	3.13	3.13	3.3	3.22	3.51	3.54	2.79
3.41	2.76	2.56	2.25	3.07	2.52	2.22	2.53	2.26	2.29	2.41	2.37	2.25	2.51	2.24	2.29	2.53	2.27	2.34	2.4	2.35	2.48	2.36	1.95
5.07	5.41	5.1	4.98	5.38	5.31	4.98	4.94	4.89	4.88	4.99	4.95	4.94	4.96	4.98	4.96	4.97	4.92	4.95	5	4.96	5.19	5.13	4.92
4.97	5.23	4.86	4.42	5.15	4.99	4.23	4.21	4.04	3.94	4.37	4.3	4.08	4.25	4.32	4.11	4.36	4.05	4.21	4.25	4.23	4.9	4.89	4.01
4.7	4.95	4.67	4.34	4.9	4.76	4.22	4.22	4.09	4.08	4.37	4.27	4.18	4.31	4.31	4.19	4.31	4.13	4.27	4.27	4.25	4.78	4.69	4.07
1.95	2.28	2.26	2.06	2.15	2.19	2.03	1.92	1.79	1.69	1.75	1.81	1.74	1.78	1.78	1.78	1.79	1.73	1.77	1.79	1.82	1.95	2.03	1.83
2.04	2.36	2.34	2.13	2.22	2.27	2.1	2	1.87	1.76	1.82	1.88	1.79	1.83	1.83	1.83	1.85	1.79	1.83	1.86	1.88	2	2.08	1.87
4.85	5.42	5.53	5.56	5.78	5.96																		

Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
8.16	8.05	7.93	7.81	7.71	7.62	7.54	7.45	5.53	7.28	7.58	8.28	0.838	2.75
7.89	7.76	7.63	7.51	7.41	7.32	7.23	7.15	5.17	6.98	7.40	8.08	0.923	2.91
7.75	7.6	7.46	7.33	7.22	7.11	7.02	6.93	5.29	6.90	7.33	8.02	0.853	2.73
8.07	7.95	7.83	7.72	7.62	7.53	7.44	7.36	5.18	7.14	7.49	8.19	0.933	3.01
8.18	8.07	7.95	7.84	7.75	7.67	7.59	7.51	6.17	7.42	7.63	8.31	0.683	2.14
7.16	6.93	6.73	6.63	6.51	6.38	6.3	6.19	4.67	6.35	6.68	7.75	0.926	3.08
7.6	7.48	7.35	7.23	7.15	7.06	6.96	6.87	4.43	6.62	7.24	7.91	1.105	3.48
7.78	7.65	7.53	7.42	7.33	7.24	7.15	7.06	4.59	6.79	7.35	8.01	1.078	3.42
7.37	7.22	7.09	6.97	6.88	6.77	6.65	6.5	4.34	6.42	7.03	7.77	1.086	3.43
7.61	7.48	7.36	7.25	7.17	7.09	7.01	6.93	4.32	6.61	7.21	7.89	1.134	3.57
7.35	7.21	7.08	6.97	6.88	6.8	6.7	6.6	4.23	6.39	7.03	7.73	1.110	3.50
6.98	6.83	6.68	6.57	6.48	6.39	6.26	6.1	4.18	6.11	6.63	7.46	1.020	3.28
6.66	6.46	6.27	6.18	6.09	5.95	5.85	5.72	4.26	5.92	6.23	7.31	0.918	3.05
7.59	7.43	7.27	7.16	7.05	6.94	6.91	6.86	5.23	6.89	7.15	7.91	0.655	2.68
7.53	7.36	7.2	7.06	6.89	6.77	6.8	6.75	5.18	6.84	7.10	7.91	0.674	2.73
7.06	6.87	6.68	6.64	6.51	6.41	6.57	6.52	5.03	6.61	6.66	7.75	0.570	2.72
7	6.82	6.63	6.59	6.45	6.35	6.48	6.42	5.02	6.54	6.64	7.76	0.603	2.74
7.51	7.33	7.12	6.98	6.83	6.7	6.67	6.6	5.15	6.73	7.05	7.94	0.804	2.79
7.04	6.81	6.62	6.56	6.42	6.3	6.32	6.23	5.00	6.40	6.62	7.77	0.750	2.77
7.68	7.54	7.39	7.27	7.17	7.06	6.95	6.85	4.93	6.76	7.29	7.98	0.960	3.05
7.97	7.85	7.72	7.6	7.5	7.41	7.32	7.25	5.47	7.10	7.41	8.11	0.838	2.64
7.67	7.53	7.4	7.27	7.18	7.07	6.97	6.86	4.80	6.74	7.30	7.97	0.997	3.17
7.03	6.85	6.66	6.56	6.41	6.29	6.39	6.36	4.91	6.47	6.61	7.61	0.600	2.70
6.73	6.48	6.18	5.69	5.38	5.22	5.11	5.07	4.48	5.86	6.03	7.51	0.952	3.03
7.09	6.9	6.7	6.56	6.39	6.25	6.25	6.22	4.92	6.45	6.63	7.66	0.660	2.74
6.59	6.24	5.82	5.49	5.28	5.17	5.08	5.03	4.52	5.85	6.00	7.62	0.968	3.10
6.96	6.77	6.58	6.56	6.44	6.35	6.56	6.5	4.97	6.55	6.59	7.63	0.515	2.66
5.72	5.46	5.3	5.39	5.51	5.52	5.45	5.32	4.61	5.57	5.60	6.47	0.408	1.86
6.73	6.49	6.27	6.24	6.15	6.09	6.23	6.19	5.05	6.45	6.38	8.03	0.617	2.98
6.16	5.82	5.55	5.49	5.53	5.54	5.56	5.5	5.02	6.04	5.98	8.29	0.783	3.27
7.53	7.39	7.24	7.11	7.01	6.88	6.75	6.62	4.62	6.60	7.18	7.90	1.032	3.28
7.68	7.56	7.43	7.33	7.25	7.16	7.08	7.01	4.37	6.69	7.26	7.94	1.126	3.57
8.23	8.12	8	7.89	7.8	7.71	7.63	7.56	6.30	7.47	7.67	8.35	0.677	2.05
8.53	8.41	8.29	8.18	8.08	7.98	7.89	7.8	6.58	7.74	7.94	8.65	0.666	2.07
8.02	7.89	7.77	7.65	7.55	7.46	7.37	7.3	5.58	7.17	7.42	8.14	0.807	2.56
6.56	6.4	6.26	6.14	6.05	5.96	5.87	5.78	3.49	5.69	6.20	6.94	1.002	3.45
5.96	5.71	5.48	5.28	5.19	5.06	4.96	4.84	3.46	5.21	5.47	6.60	0.909	3.14
8.59	8.46	8.33	8.22	8.09	7.95	7.88	7.8	6.89	7.92	7.92	8.78	0.516	1.89
8.16	8.03	7.88	7.74	7.6	7.48	7.38	7.31	6.56	7.50	7.54	8.34	0.532	1.78
8.31	8.19	8.08	7.96	7.86	7.77	7.69	7.6	6.13	7.48	7.73	8.42	0.736	2.29
7.77	7.62	7.48	7.35	7.25	7.16	7.08	7.03	5.49	7.03	7.24	7.99	0.662	2.50
8.42	8.31	8.19	8.08	7.98	7.89	7.8	7.72	6.46	7.62	7.85	8.53	0.685	2.07
8.05	7.94	7.82	7.7	7.61	7.52	7.44	7.36	5.08	7.11	7.48	8.18	0.958	3.10
8.52	8.39	8.26	8.13	8.01	7.88	7.78	7.71	6.79	7.81	7.83	8.67	0.561	1.88
7.28	7.14	7.01	6.9	6.81	6.73	6.64	6.56	4.28	6.39	6.91	7.62	1.006	3.34
6	5.72	5.56	5.56	5.49	5.39	5.37	5.29	4.50	5.78	5.64	7.83	0.858	3.33
5.71	5.56	5.49	5.55	5.46	5.34	5.34	5.22	4.38	5.45	5.66	6.71	0.627	2.33
5.56	5.25	5.05	5	4.94	4.83	4.79	4.72	4.00	5.34	5.15	7.08	0.879	3.08
2.52	2.25	2.05	1.97	1.91	1.8	1.74	1.7	1.65	2.69	2.51	4.43	0.765	2.78
1.87	1.78	1.75	1.76	1.75	1.72	1.68	1.69	1.68	2.14	2.11	3.41	0.364	1.73
4.78	4.48	4.25	4.1	4.02	3.92	3.84	3.76	2.94	4.32	4.37	5.41	0.739	2.47
3.66	3.34	3.12	3.01	2.95	2.88	2.81	2.75	2.22	3.58	3.37	5.23	0.876	3.01
3.87	3.61	3.41	3.29	3.23	3.15	3.08	3.02	2.45	3.68	3.55	4.95	0.729	2.50
1.64	1.49	1.37	1.31	1.28	1.27	1.26	1.26	1.26	1.61	1.49	2.28	0.304	1.02
1.68	1.51	1.39	1.33	1.31	1.3	1.29	1.3	1.29	1.67	1.56	2.36	0.316	1.07
5.46	5.27	5.11	4.97	4.77	4.53	4.37	4.24	2.96	4.71	5.04	5.96	0.890	3.00
2.66	2.58	2.5	2.41	2.34	2.28	2.24	2.2	1.69	2.45	2.54	2.98	0.341	1.29
6.72	6.58	6.46	6.36	6.29	6.22	6.15	6.07	5.07	6.19	6.31	6.94	0.498	1.87

D13Rbc_Plan1_95_95ops_weekly

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21
D13Rbc_Plan1_95_95ops																						
3	20457	7.77	7.77	7.75	7.69	7.64	7.6	7.53	7.49	7.44	7.4	7.37	7.29	7.21	7.14	7.09	6.98	6.92	7.09	7.03	6.9	7.41
3	20737	6.5	6.48	6.42	6.24	6.14	6.04	5.91	5.85	5.75	5.73	5.74	5.59	5.55	5.58	5.64	5.54	5.65	5.82	5.55	5.53	6.52
3	20743	6.65	6.67	6.61	6.39	6.31	6.22	6.09	6.07	5.95	5.97	6.01	5.85	5.73	5.76	5.78	5.6	5.81	6.33	5.9	5.7	6.94
3	20726	7.55	7.53	7.5	7.43	7.37	7.32	7.25	7.2	7.14	7.09	7.08	6.99	6.89	6.83	6.79	6.64	6.63	6.89	6.76	6.59	7.21
3	20980	7.89	7.92	7.93	7.88	7.84	7.83	7.77	7.72	7.68	7.65	7.63	7.55	7.47	7.41	7.35	7.24	7.18	7.29	7.24	7.15	7.65
3	21277	6.68	6.64	6.59	6.4	6.32	6.22	6.13	6.12	6.03	6.11	6.09	5.98	5.9	5.94	5.91	5.76	6	6.48	6.12	5.92	7.05
3	21529	7.35	7.3	7.25	7.16	7.09	7.03	6.94	6.88	6.82	6.8	6.8	6.7	6.57	6.52	6.44	6.2	6.35	6.84	6.61	6.33	7.14
3	21259	7.44	7.4	7.36	7.27	7.21	7.15	7.07	7.01	6.95	6.91	6.92	6.82	6.71	6.65	6.58	6.36	6.45	6.86	6.67	6.45	7.16
3	21891	7.2	7.15	7.1	7	6.92	6.84	6.74	6.68	6.59	6.63	6.59	6.47	6.37	6.36	6.27	6.06	6.25	6.78	6.5	6.22	7.11
3	21971	7.34	7.3	7.27	7.18	7.13	7.08	7	6.95	6.89	6.86	6.86	6.79	6.7	6.61	6.48	6.16	6.18	6.64	6.45	6.18	7.02
3	22335	7.18	7.12	7.07	6.97	6.9	6.84	6.75	6.69	6.62	6.6	6.61	6.5	6.32	6.23	6.12	5.88	6	6.54	6.32	6.02	6.93
3	23325	6.87	6.78	6.73	6.62	6.54	6.47	6.37	6.29	6.13	6.18	6.12	5.93	5.75	5.72	5.68	5.48	5.54	6.06	5.95	5.69	6.67
3	23331	6.78	6.68	6.63	6.5	6.42	6.33	6.22	6.16	6.04	6.13	6.11	5.96	5.88	5.89	5.88	5.79	5.86	6.22	6.09	5.92	6.8
3	20297	6.58	6.56	6.51	6.34	6.24	6.15	6.03	5.98	5.88	5.87	5.89	5.75	5.71	5.72	5.77	5.66	5.73	5.9	5.68	5.65	6.55
3	20477	6.96	6.96	6.92	6.74	6.67	6.59	6.48	6.45	6.36	6.39	6.45	6.29	6.15	6.13	6.14	5.96	6.09	6.54	6.28	6.04	7.12
3	20838	7.15	7.19	7.16	7.03	6.97	6.91	6.83	6.8	6.73	6.78	6.88	6.72	6.51	6.46	6.44	6.21	6.32	6.94	6.76	6.34	7.53
3	21017	6.95	6.98	6.95	6.8	6.75	6.69	6.6	6.59	6.51	6.56	6.65	6.49	6.3	6.26	6.24	6.01	6.16	6.79	6.56	6.17	7.43
3	20925	6.72	6.75	6.71	6.49	6.42	6.34	6.23	6.22	6.11	6.16	6.22	6.06	5.89	5.91	5.9	5.69	5.92	6.58	6.16	5.85	7.15
3	21105	6.44	6.47	6.43	6.23	6.17	6.09	6	6	5.9	5.96	6.01	5.87	5.71	5.73	5.72	5.51	5.73	6.36	6.01	5.71	7.05
3	21007	6.56	6.54	6.48	6.28	6.19	6.09	5.96	5.93	5.82	5.83	5.84	5.69	5.61	5.64	5.67	5.51	5.72	6.12	5.73	5.6	6.77
3	20469	6.66	6.63	6.58	6.42	6.32	6.22	6.08	6.01	5.91	5.87	5.88	5.73	5.69	5.7	5.75	5.64	5.72	5.87	5.63	5.62	6.53
3	21094	6.6	6.57	6.51	6.32	6.22	6.12	5.99	5.94	5.83	5.82	5.83	5.69	5.64	5.67	5.7	5.58	5.72	5.97	5.68	5.61	6.62
3	19761	7.46	7.49	7.46	7.36	7.28	7.22	7.15	7.1	7.06	7.04	7.12	7.04	6.86	6.72	6.67	6.46	6.35	6.83	6.92	6.62	7.19
3	19766	6.89	6.9	6.84	6.72	6.6	6.48	6.36	6.28	6.23	6.14	6.22	6.14	5.9	5.65	5.52	5.26	5.17	5.72	5.8	5.57	6.49
3	20031	7.39	7.42	7.39	7.3	7.21	7.15	7.07	7.02	6.98	6.93	7.02	6.96	6.78	6.62	6.56	6.32	6.17	6.68	6.84	6.55	7.12
3	20036	6.72	6.74	6.68	6.5	6.36	6.17	5.99	5.91	5.84	5.81	5.9	5.78	5.55	5.37	5.3	5.05	5.03	5.75	5.75	5.44	6.76
3	20390	7.43	7.47	7.44	7.33	7.26	7.21	7.14	7.1	7.05	7.09	7.19	7.02	6.82	6.72	6.71	6.49	6.52	7.09	7	6.57	7.41
3	20396	5.59	5.69	5.71	5.51	5.57	5.27	5.11	5.08	5.04	5.15	5.21	5.07	4.91	5.01	4.99	5.02	5.26	5.79	5.6	5.22	6.44
3	20931	6.87	6.94	6.93	6.76	6.7	6.64	6.55	6.52	6.44	6.51	6.63	6.47	6.26	6.21	6.2	5.97	6.12	6.88	6.67	6.22	7.71
3	20936	5.96	6.09	6.11	5.84	5.81	5.69	5.54	5.51	5.41	5.52	5.66	5.5	5.29	5.3	5.35	5.15	5.42	6.41	6.09	5.6	7.48
3	21271	7.14	7.09	7.04	6.9	6.79	6.69	6.56	6.52	6.43	6.47	6.44	6.31	6.22	6.24	6.18	6	6.25	6.71	6.36	6.13	7.14
3	21791	7.4	7.37	7.33	7.25	7.2	7.15	7.08	7.03	6.98	6.95	6.95	6.88	6.79	6.72	6.65	6.36	6.34	6.73	6.58	6.34	7.08
3	20890	7.95	7.99	8	7.96	7.92	7.91	7.85	7.8	7.76	7.73	7.71	7.63	7.55	7.48	7.42	7.31	7.25	7.35	7.29	7.2	7.7
3	19990	8.63	8.73	8.76	8.71	8.67	8.65	8.57	8.52	8.48	8.42	8.38	8.27	8.18	8.09	8.02	7.89	7.79	7.83	7.76	7.66	8.17
3	20378	7.51	7.49	7.46	7.37	7.3	7.24	7.16	7.11	7.05	6.99	6.98	6.87	6.75	6.67	6.63	6.41	6.42	6.63	6.43	6.32	7.08
3	24577	6.08	6.02	5.98	5.89	5.82	5.73	5.71	5.64	5.38	5.37	5.35	5.07	4.76	4.59	4.56	4.22	4.05	4.42	4.69	4.55	5.76
3	24587	5.48	5.37	5.28	5.09	5.03	4.87	4.87	4.75	4.56	4.67	4.76	4.54	4.3	4.24	4.27	4.03	3.95	4.46	4.73	4.5	5.66
3	19177	9.91	9.95	9.92	9.82	9.73	9.65	9.5	9.39	9.34	9.26	9.2	9.05	8.94	8.86	8.77	8.59	8.43	8.39	8.33	8.23	8.7
3	19213	8.74	8.8	8.77	8.69	8.63	8.56	8.48	8.41	8.38	8.31	8.29	8.2	8.08	7.98	7.9	7.77	7.64	7.67	7.7	7.62	8.1
3	20357	8.07	8.1	8.11	8.05	8.01	7.99	7.92	7.88	7.84	7.8	7.77	7.68	7.6	7.53	7.46	7.35	7.28	7.38	7.33	7.24	7.73
3	20206	7.61	7.63	7.6	7.5	7.43	7.36	7.28	7.22	7.16	7.11	7.12	7.05	6.94	6.84	6.78	6.64	6.55	6.77	6.73	6.59	7.19
3	20350	8.28	8.35	8.38	8.34	8.3	8.29	8.22	8.18	8.14	8.09	8.06	7.97	7.88	7.81	7.74	7.62	7.54	7.61	7.54	7.45	7.95
3	20900	7.61	7.59	7.57	7.5	7.44	7.4	7.33	7.28	7.23	7.18	7.17	7.09	6.99	6.93	6.88	6.75	6.72	6.95	6.88	6.72	7.28
3	19274	9.07	9.15	9.15	9.08	9.02	8.97	8.88	8.81	8.76	8.69	8.65	8.54	8.43	8.34	8.27	8.13	8.01	8	7.96	7.87	8.38
3	23229	6.93	6.88	6.84	6.76	6.7	6.64	6.58	6.52	6.45	6.41	6.41	6.23	5.99	5.83	5.75	5.46	5.38	5.89	5.86	5.63	6.66
3	21914	5.52	5.55	5.54	5.33	5.28	5.19	5.11	5.13	5.04	5.15	5.23	5.09	4.95	5	5.01	4.82	5.02	5.75	5.55	5.22	6.99
3	23881	5.31	5.3	5.29	5.12	5.1	5.01	4.98	4.95	4.87	4.97	5.01	4.88	4.74	4.75	4.78	4.6	4.68	5.17	5.13	4.91	6.18
3	23894	4.83	4.86	4.87	4.68	4.7	4.6	4.54	4.54	4.45	4.57	4.65	4.51	4.35	4.34	4.37	4.17	4.25	4.91	4.98	4.63	6.64
3	24628	2.43	2.43	2.44	2.27	2.37	2.28	2.21	2.2	2.12	2.24	2.31	2.2	2.07	2.05	2.08	1.91	2	2.61	2.91	2.46	4.42
3	24900	1.86	1.87	1.88	1.81	1.88	1.79	1.79	2	2.01	2.12	2.1	2.05	2.02	2.08	2.05	2	2.1	2.36	2.29	2.13	3.42
3	25681	3.83	3.77	3.76	3.66	3.71	3.62	3.67	3.58	3.47	3.55	3.69	3.55	3.35	3.26	3.3	3.08	3.04	3.53	3.88	3.67	4.96
3	25694	3.06	3	3	2.83	2.92	2.82	2.8	2.75	2.62	2.74	2.94	2.8	2.59	2.49	2.53	2.33	2.31	2.86	3.43	3.03	4.98
3	25868	3.25	3.2	3.2	3.05	3.14	3.04	3.06	2.99	2.87	2.97	3.13	2.99	2.8	2.71	2.74	2.54	2.52	3.02	3.49	3.15	4.68
3	26704	1.53	1.45	1.44	1.37	1.35	1.31	1.29	1.34	1.37	1.42	1.49	1.46	1.41	1.41	1.42	1.37	1.37	1.49	1.5	1.45	1.98
3	26616	1.51	1.44	1.44	1.37	1.36	1.32	1.31	1.39	1.42	1.52	1.58	1.51	1.46	1.49	1.47	1.41	1.48	1.59	1.56	1.51	2.05
3	25660	4.76	4.59	4.48	4.24	4.2	4.05	4.21	4.1	3.85	3.97	4.07	3.83	3.56	3.45	3.45	3.19	3.11	3.49	3.94	3.77	4.92
3	26763	2.37	2.32	2.3	2.23	2.22	2.18	2.14	2.11	2.07	2.08	2.18	2.07	1.87	1.83	1.79	1.65	1.69	2.08	2.27	2.1	2.67
3	23403	6.4	6.41	6.41	6.36	6.33	6.3	6.28	6.													

D13Rbc_Plan1_95_95ops_weekly

Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46
7.87	7.98	7.94	8.26	8.6	8.46	8.33	8.25	8.16	8.24	8.21	8.08	8.06	8.11	8.07	8.08	8.01	7.95	7.97	8	8.25	8.38	8.32	8.27	8.16
7.02	7.02	6.87	7.15	7.58	7.42	7.22	7.07	6.94	7.01	7.02	6.86	6.87	6.96	6.87	6.88	6.75	6.7	6.69	6.71	7.1	7.21	7.11	7	6.84
7.49	7.37	7.14	7.36	7.76	7.58	7.36	7.19	7.06	7.14	7.14	6.96	7.03	7.15	7.02	7.05	6.85	6.84	6.87	6.89	7.34	7.39	7.23	7.1	6.89
7.7	7.81	7.77	8.08	8.43	8.29	8.16	8.07	7.98	8.06	8.04	7.9	7.87	7.92	7.87	7.88	7.79	7.74	7.76	7.76	8.03	8.17	8.1	8.05	7.93
8.07	8.15	8.12	8.42	8.75	8.59	8.47	8.43	8.36	8.48	8.44	8.3	8.25	8.29	8.25	8.27	8.19	8.15	8.18	8.21	8.49	8.57	8.5	8.46	8.35
7.38	7.32	7.15	7.43	7.69	7.43	7.28	7.16	7.08	7.21	7.16	6.98	7.05	7.11	7.01	7.05	6.91	6.89	6.86	6.86	7.32	7.33	7.14	7.03	6.86
7.57	7.68	7.65	7.93	8.18	7.97	7.86	7.79	7.73	7.84	7.83	7.69	7.66	7.72	7.67	7.69	7.6	7.55	7.55	7.53	7.8	7.9	7.79	7.72	7.6
7.63	7.75	7.72	8.02	8.3	8.12	8	7.92	7.86	7.95	7.94	7.8	7.77	7.82	7.77	7.78	7.7	7.65	7.65	7.64	7.91	8.01	7.92	7.85	7.74
7.49	7.58	7.53	7.78	7.98	7.76	7.67	7.61	7.54	7.66	7.66	7.51	7.48	7.56	7.51	7.54	7.45	7.39	7.39	7.37	7.64	7.72	7.61	7.53	7.4
7.48	7.62	7.64	7.94	8.23	8.04	7.91	7.85	7.79	7.91	7.9	7.76	7.71	7.76	7.73	7.76	7.67	7.61	7.61	7.61	7.87	7.98	7.87	7.8	7.68
7.37	7.49	7.49	7.77	8	7.79	7.68	7.61	7.55	7.68	7.67	7.53	7.49	7.55	7.52	7.56	7.46	7.41	7.4	7.39	7.65	7.75	7.64	7.55	7.43
7.12	7.21	7.21	7.46	7.65	7.44	7.34	7.26	7.2	7.35	7.35	7.19	7.14	7.23	7.21	7.26	7.16	7.11	7.11	7.09	7.34	7.46	7.33	7.23	7.09
7.21	7.21	7.12	7.25	7.31	7.2	7.15	7.05	6.99	7.18	7.16	6.97	6.95	7.09	7.03	7.1	6.97	6.91	6.94	6.89	7.17	7.23	7.12	7.01	6.86
7.03	7	6.86	7.14	7.57	7.37	7.15	7.02	6.91	6.97	6.98	6.84	6.86	6.99	6.89	6.9	6.78	6.73	6.71	6.74	7.08	7.22	7.11	7.01	6.86
7.55	7.37	7.16	7.45	7.87	7.59	7.33	7.2	7.13	7.21	7.22	7.08	7.16	7.31	7.2	7.19	7.06	7.05	7.04	7.07	7.41	7.54	7.34	7.21	7.08
7.65	7.4	7.14	7.68	7.97	7.47	7.2	7.15	7.17	7.28	7.2	7.12	7.34	7.37	7.25	7.23	7.13	7.18	7.19	7.21	7.71	7.59	7.29	7.17	7.08
7.56	7.31	7.01	7.59	7.85	7.34	7.07	7	7.02	7.15	7.04	6.95	7.19	7.2	7.07	7.07	6.95	7.02	7.01	7.03	7.59	7.44	7.11	6.99	6.89
7.63	7.43	7.13	7.44	7.81	7.55	7.29	7.1	7.03	7.15	7.08	6.9	7.08	7.19	7.02	7.04	6.85	6.9	6.88	6.91	7.46	7.45	7.18	7.01	6.81
7.39	7.14	6.77	7.26	7.6	7.18	6.86	6.71	6.68	6.84	6.72	6.56	6.8	6.8	6.67	6.7	6.53	6.6	6.56	6.59	7.21	7.09	6.76	6.62	6.47
7.32	7.24	7.05	7.28	7.69	7.5	7.29	7.13	7.02	7.09	7.09	6.91	6.96	7.05	6.93	6.96	6.8	6.8	6.74	6.78	7.22	7.29	7.16	7.04	6.86
7.07	7.09	6.96	7.23	7.64	7.48	7.29	7.15	7.04	7.1	7.11	6.96	6.97	7.06	6.98	7	6.89	6.83	6.83	6.85	7.2	7.3	7.22	7.13	6.98
7.14	7.13	6.99	7.27	7.67	7.49	7.29	7.16	7.04	7.12	7.13	6.96	6.96	7.07	6.97	6.99	6.86	6.81	6.79	6.8	7.18	7.31	7.19	7.09	6.93
7.53	7.49	7.4	7.74	8.06	7.73	7.48	7.4	7.38	7.42	7.4	7.35	7.47	7.61	7.52	7.52	7.45	7.42	7.45	7.48	7.74	7.77	7.59	7.48	7.4
7.26	7.37	7.27	7.57	7.92	7.68	7.36	7.15	7	7.03	7.04	6.93	7.05	7.27	7.24	7.24	7.11	7	7.05	7.08	7.33	7.48	7.33	7.14	6.95
7.59	7.53	7.41	7.74	8.09	7.78	7.51	7.4	7.36	7.41	7.41	7.33	7.44	7.59	7.51	7.5	7.42	7.37	7.42	7.44	7.7	7.78	7.6	7.47	7.37
7.47	7.45	7.26	7.6	7.99	7.69	7.32	7.09	6.94	7.01	7.05	6.88	7.07	7.28	7.2	7.22	7.03	6.93	7.01	7.06	7.36	7.53	7.32	7.08	6.78
7.55	7.38	7.25	7.64	7.96	7.54	7.3	7.29	7.31	7.36	7.34	7.3	7.43	7.53	7.4	7.38	7.34	7.35	7.38	7.39	7.71	7.66	7.44	7.36	7.31
6.31	6.17	5.93	6.58	6.43	6	5.9	5.88	5.82	5.99	5.94	5.86	6.07	5.99	5.95	5.94	5.83	5.89	5.91	5.92	6.27	6.19	5.92	5.8	5.59
7.99	7.53	7.02	7.84	8.23	7.33	6.95	6.9	6.91	7.14	7.11	6.9	7.21	7.25	7.06	7.07	6.89	6.96	7.05	7.05	7.75	7.65	7.09	6.89	6.76
8.24	7.47	6.6	7.63	8.34	6.85	6.34	6.25	6.19	6.6	6.68	6.25	6.64	6.73	6.43	6.51	6.16	6.25	6.49	6.45	7.38	7.39	6.51	6.16	5.88
7.52	7.56	7.48	7.74	8.01	7.8	7.68	7.59	7.51	7.61	7.61	7.46	7.44	7.52	7.45	7.47	7.38	7.32	7.34	7.3	7.6	7.7	7.58	7.5	7.38
7.55	7.68	7.7	8	8.29	8.1	7.98	7.91	7.86	7.98	7.96	7.82	7.78	7.82	7.79	7.82	7.72	7.67	7.67	7.67	7.93	8.04	7.94	7.87	7.75
8.12	8.2	8.17	8.47	8.8	8.64	8.52	8.48	8.41	8.54	8.49	8.35	8.3	8.34	8.31	8.32	8.24	8.2	8.24	8.28	8.56	8.64	8.56	8.53	8.42
8.6	8.66	8.61	8.9	9.21	9.05	8.92	8.88	8.81	8.94	8.88	8.75	8.72	8.82	8.84	8.87	8.8	8.76	8.84	8.95	9.22	9.25	9.18	9.17	9.06
7.65	7.75	7.7	8.01	8.39	8.24	8.08	7.97	7.86	7.93	7.92	7.78	7.77	7.86	7.81	7.83	7.74	7.66	7.68	7.69	7.97	8.13	8.06	8	7.87
6.34	6.39	6.46	6.73	7.01	6.82	6.7	6.6	6.53	6.64	6.64	6.52	6.47	6.57	6.59	6.61	6.54	6.6	6.64	6.61	6.8	6.93	6.8	6.69	6.53
6.14	6.1	6.08	6.28	6.54	6.29	6.17	6.12	6.11	6.28	6.31	6.19	6.13	6.24	6.25	6.28	6.19	6.2	6.22	6.19	6.43	6.58	6.42	6.28	6.11
8.95	8.91	8.83	9.09	9.38	9.23	9.15	9.14	9.12	9.22	9.23	9.18	9.25	9.6	9.72	9.73	9.68	9.61	9.67	9.8	10.08	10.14	10.05	9.88	
8.48	8.46	8.38	8.69	8.96	8.77	8.58	8.5	8.46	8.55	8.54	8.46	8.54	8.74	8.76	8.8	8.73	8.68	8.73	8.82	9.08	9.12	9.02	8.96	8.85
8.16	8.25	8.22	8.54	8.87	8.72	8.6	8.54	8.46	8.56	8.52	8.39	8.35	8.41	8.38	8.39	8.31	8.27	8.31	8.35	8.61	8.71	8.64	8.61	8.51
7.73	7.78	7.7	8.03	8.39	8.2	7.99	7.87	7.77	7.85	7.84	7.72	7.76	7.88	7.84	7.86	7.76	7.68	7.72	7.74	8.01	8.17	8.06	7.97	7.84
8.37	8.45	8.4	8.7	9.03	8.88	8.75	8.72	8.65	8.77	8.71	8.58	8.53	8.59	8.58	8.59	8.52	8.48	8.54	8.62	8.89	8.96	8.89	8.87	8.76
7.76	7.88	7.84	8.15	8.49	8.35	8.22	8.14	8.06	8.14	8.12	7.99	7.95	8	7.94	7.95	7.87	7.82	7.84	7.84	8.11	8.23	8.15	8.11	7.99
8.77	8.78	8.7	8.98	9.28	9.1	8.95	8.9	8.85	8.96	8.92	8.83	8.86	9.04	9.11	9.14	9.08	9.04	9.12	9.24	9.5	9.51	9.44	9.41	9.3
7.09	7.19	7.25	7.55	7.86	7.67	7.55	7.47	7.41	7.55	7.54	7.39	7.34	7.4	7.39	7.44	7.34	7.31	7.32	7.31	7.54	7.67	7.56	7.47	7.33
7.36	6.92	6.3	7.17	7.37	6.32	6.05	5.9	5.86	6.17	6.09	5.75	6.03	6.1	5.92	6.09	5.81	5.83	5.87	5.85	6.76	6.58	5.97	5.7	5.48
6.03	5.88	5.64	6.25	6.11	5.6	5.57	5.47	5.51	5.68	5.57	5.39	5.55	5.58	5.52	5.62	5.43	5.47	5.44	5.46	5.92	5.83	5.49	5.39	5.28
6.72	6.18	5.67	6.6	6.6	5.55	5.47	5.3	5.25	5.63	5.48	5.1	5.37	5.51	5.31	5.6	5.21	5.23	5.3	5.29	6.08	6.01	5.27	5	4.78
4.3	3.73	3.2	4.1	3.95	3.07	3.28	3.05	2.89	3.21	3.25	2.97	3.23	3.11	2.95	3.43	3.04	3.04	3.19	3.13	3.46	3.54	2.8	2.49	2.28
2.73	2.61	2.29	3.11	2.59	2.25	2.55	2.27	2.3	2.44	2.39	2.26	2.51	2.26	2.3	2.55	2.28	2.35	2.41	2.38	2.52	2.41	1.97	1.88	1.83
5.02	4.71	4.45	4.98	4.9	4.41	4.33	4.19	4.19	4.45	4.37	4.25	4.37	4.42	4.3	4.38	4.25	4.36	4.34	4.31	4.81	4.77	4.31	4.12	3.95
5.18	4.79	4.33	5	4.89	4.15	3.98	3.76	3.61	4.07	4.04	3.76	3.91	4.05	3.8	4.06	3.72	3.89	3.95	3.9	4.64	4.73	3.84	3.38	3.05
4.75	4.52	4.15	4.68	4.55	4.04	3.89	3.7	3.64	3.99	3.93	3.75	3.9	3.97	3.79	3.93	3.7	3.88	3.88	3.83	4.48	4.46	3.79	3.47	3.25
2.33	2.35	2.18	2.27	2.31	2.16	2.																		

D13Rbc_Plan1_95_95ops_weekly

Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
8.04	7.92	7.82	7.73	7.65	7.57	6.90	7.79	7.90	8.60	0.441	1.70
6.65	6.48	6.35	6.23	6.11	5.99	5.53	6.47	6.59	7.58	0.592	2.05
6.67	6.54	6.44	6.36	6.27	6.16	5.60	6.65	6.76	7.76	0.586	2.16
7.8	7.68	7.58	7.49	7.4	7.32	6.59	7.56	7.69	8.43	0.481	1.84
8.24	8.14	8.05	7.96	7.89	7.81	7.15	8.00	8.10	8.75	0.418	1.60
6.68	6.56	6.49	6.42	6.37	6.28	5.76	6.69	6.77	7.69	0.518	1.93
7.48	7.38	7.3	7.23	7.16	7.09	6.20	7.31	7.43	8.18	0.499	1.98
7.62	7.52	7.43	7.35	7.28	7.2	6.36	7.42	7.57	8.30	0.498	1.94
7.28	7.18	7.11	7.04	6.98	6.91	6.06	7.15	7.24	7.98	0.494	1.92
7.56	7.45	7.38	7.3	7.23	7.16	6.16	7.34	7.47	8.23	0.530	2.07
7.3	7.2	7.13	7.06	6.99	6.92	5.88	7.12	7.25	8.00	0.541	2.12
6.96	6.86	6.78	6.71	6.64	6.57	5.48	6.76	6.92	7.65	0.593	2.17
6.75	6.67	6.62	6.56	6.51	6.44	5.79	6.67	6.79	7.31	0.471	1.52
6.68	6.52	6.41	6.3	6.19	6.07	5.65	6.52	6.63	7.57	0.534	1.92
6.92	6.81	6.74	6.67	6.58	6.49	5.96	6.88	7.00	7.87	0.466	1.91
7.01	6.99	6.96	6.91	6.86	6.79	6.21	7.06	7.14	7.97	0.367	1.76
6.81	6.78	6.75	6.71	6.66	6.59	6.01	6.89	6.95	7.85	0.394	1.84
6.64	6.56	6.5	6.44	6.38	6.29	5.69	6.72	6.78	7.81	0.532	2.12
6.33	6.28	6.23	6.19	6.15	6.07	5.51	6.45	6.47	7.60	0.490	2.09
6.64	6.48	6.37	6.27	6.18	6.07	5.51	6.55	6.69	7.69	0.603	2.18
6.82	6.66	6.53	6.41	6.29	6.16	5.62	6.59	6.74	7.64	0.578	2.02
6.75	6.57	6.44	6.33	6.21	6.09	5.58	6.56	6.69	7.67	0.596	2.09
7.33	7.27	7.23	7.18	7.12	7.05	6.35	7.29	7.39	8.06	0.339	1.71
6.76	6.59	6.46	6.36	6.25	6.15	5.17	6.70	6.90	7.92	0.647	2.75
7.28	7.21	7.16	7.1	7.04	6.97	6.17	7.24	7.37	8.09	0.381	1.92
6.52	6.3	6.13	6.01	5.87	5.77	5.03	6.57	6.75	7.99	0.754	2.96
7.27	7.25	7.23	7.18	7.13	7.06	6.49	7.25	7.31	7.96	0.290	1.47
5.35	5.21	5.13	5.11	5.09	5.01	4.91	5.64	5.75	6.58	0.454	1.67
6.66	6.63	6.6	6.56	6.53	6.47	5.97	6.89	6.89	8.23	0.483	2.26
5.67	5.56	5.52	5.49	5.47	5.44	5.15	6.20	6.14	8.34	0.760	3.19
7.25	7.13	7.04	6.95	6.86	6.76	6.00	7.08	7.20	8.01	0.533	2.01
7.63	7.53	7.45	7.37	7.3	7.23	6.34	7.42	7.54	8.29	0.505	1.95
8.31	8.21	8.12	8.03	7.95	7.88	7.20	8.07	8.15	8.80	0.413	1.60
8.94	8.83	8.72	8.62	8.53	8.45	7.66	8.63	8.72	9.25	0.395	1.59
7.73	7.59	7.48	7.38	7.28	7.19	6.32	7.46	7.62	8.39	0.528	2.07
6.39	6.27	6.18	6.09	6.01	5.93	4.05	6.01	6.31	7.01	0.794	2.96
5.92	5.76	5.61	5.41	5.25	5.26	3.95	5.55	5.84	6.58	0.782	2.63
9.7	9.54	9.44	9.33	9.23	9.15	8.23	9.33	9.30	10.14	0.482	1.91
8.73	8.62	8.52	8.45	8.37	8.29	7.62	8.49	8.54	9.12	0.372	1.50
8.39	8.28	8.19	8.09	8.01	7.93	7.24	8.13	8.21	8.87	0.420	1.63
7.72	7.6	7.51	7.42	7.33	7.24	6.55	7.52	7.66	8.39	0.452	1.84
8.64	8.54	8.44	8.35	8.26	8.18	7.45	8.37	8.42	9.03	0.400	1.58
7.87	7.76	7.66	7.58	7.49	7.41	6.72	7.64	7.76	8.49	0.470	1.77
9.17	9.04	8.93	8.84	8.75	8.67	7.87	8.85	8.93	9.51	0.394	1.64
7.2	7.09	7.01	6.93	6.85	6.77	5.38	6.92	7.09	7.86	0.642	2.48
5.33	5.28	5.28	5.27	5.27	5.23	4.82	5.74	5.63	7.37	0.648	2.55
5.2	5.18	5.2	5.18	5.17	5.11	4.60	5.34	5.31	6.25	0.391	1.65
4.66	4.64	4.67	4.65	4.65	4.62	4.17	5.11	4.95	6.72	0.654	2.55
2.11	2.11	2.07	2.06	2.09	2.07	1.91	2.75	2.55	4.42	0.649	2.51
1.79	1.83	1.8	1.81	1.82	1.81	1.79	2.19	2.13	3.42	0.344	1.63
3.85	3.8	3.73	3.68	3.68	3.65	3.04	4.02	3.92	5.02	0.506	1.98
2.88	2.85	2.83	2.77	2.75	2.72	2.31	3.46	3.22	5.18	0.790	2.87
3.13	3.11	3.08	3.03	3.01	2.98	2.52	3.52	3.36	4.75	0.601	2.23
1.48	1.4	1.36	1.33	1.31	1.3	1.29	1.69	1.57	2.35	0.326	1.06
1.46	1.38	1.35	1.33	1.32	1.31	1.31	1.73	1.59	2.41	0.333	1.10
5.15	5.01	4.85	4.62	4.43	4.26	3.11	4.76	5.08	5.73	0.771	2.62
2.38	2.32	2.28	2.23	2.19	2.14	1.65	2.41	2.42	3.11	0.351	1.46
6.65	6.56	6.49	6.43	6.36	6.3	5.60	6.47	6.55	7.13	0.403	1.53

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20
Base95bc_Exist_89_95ops																					
3	20457	4.97	4.75	4.53	4.62	4.39	4.18	4.01	3.94	3.94	3.99	3.99	3.94	3.88	4.25	4.41	4.46	4.42	4.6	4.43	4.54
3	20737	4.49	4.22	4.01	4.18	3.97	3.78	3.69	3.75	3.85	3.93	3.94	3.87	3.7	3.85	3.91	3.99	3.95	4.24	4.13	4.27
3	20743	4.36	4.01	3.79	3.98	3.78	3.61	3.64	3.8	3.94	4.04	4.07	3.93	3.62	3.7	3.7	3.79	3.76	4.09	3.98	4.09
3	20726	4.66	4.46	4.26	4.41	4.2	4	3.83	3.79	3.81	3.85	3.84	3.78	3.71	4	4.12	4.19	4.16	4.39	4.27	4.41
3	20980	5.05	4.85	4.66	4.76	4.54	4.32	4.12	3.98	3.88	3.84	3.77	3.67	3.59	3.92	4.19	4.25	4.28	4.47	4.34	4.45
3	21277	3.94	3.71	3.59	3.85	3.69	3.52	3.44	3.5	3.57	3.62	3.62	3.53	3.36	3.43	3.46	3.59	3.6	3.97	3.92	4.04
3	21529	4.04	3.89	3.77	3.98	3.84	3.68	3.54	3.51	3.53	3.56	3.54	3.47	3.41	3.52	3.58	3.68	3.71	4.01	3.98	4.12
3	21259	4.19	4.04	3.9	4.11	3.94	3.78	3.62	3.58	3.6	3.63	3.61	3.54	3.48	3.63	3.72	3.81	3.83	4.12	4.06	4.22
3	21891	3.89	3.73	3.62	3.85	3.72	3.57	3.44	3.43	3.46	3.49	3.47	3.4	3.33	3.39	3.42	3.53	3.58	3.89	3.87	3.98
3	21971	3.96	3.87	3.77	3.96	3.83	3.69	3.55	3.5	3.49	3.5	3.46	3.39	3.34	3.44	3.48	3.55	3.62	3.88	3.88	3.97
3	22335	3.83	3.71	3.62	3.82	3.7	3.56	3.42	3.4	3.41	3.43	3.4	3.33	3.27	3.32	3.34	3.43	3.5	3.78	3.79	3.87
3	23325	3.69	3.57	3.48	3.68	3.57	3.42	3.29	3.27	3.29	3.31	3.29	3.21	3.14	3.15	3.15	3.24	3.32	3.58	3.62	3.64
3	23331	3.59	3.44	3.35	3.59	3.48	3.32	3.22	3.25	3.29	3.32	3.31	3.21	3.1	3.11	3.1	3.23	3.3	3.59	3.6	3.61
3	20297	4.29	3.83	3.6	3.74	3.57	3.47	3.83	4.1	4.27	4.42	4.46	4.06	3.55	3.62	3.53	3.6	3.59	3.91	3.74	3.79
3	20477	4.19	3.75	3.54	3.7	3.53	3.42	3.78	4.05	4.22	4.35	4.39	3.98	3.47	3.53	3.46	3.54	3.52	3.88	3.71	3.78
3	20838	3.85	3.48	3.3	3.5	3.35	3.31	3.81	4.07	4.22	4.35	4.37	3.74	3.23	3.27	3.2	3.31	3.31	3.73	3.53	3.6
3	21017	3.85	3.49	3.33	3.55	3.39	3.31	3.73	3.97	4.1	4.22	4.24	3.72	3.24	3.28	3.22	3.34	3.34	3.76	3.59	3.66
3	20925	4.14	3.78	3.6	3.81	3.63	3.47	3.62	3.81	3.95	4.05	4.07	3.84	3.46	3.51	3.5	3.61	3.58	3.97	3.85	3.95
3	21105	3.91	3.61	3.47	3.71	3.55	3.4	3.53	3.69	3.81	3.89	3.91	3.66	3.32	3.37	3.35	3.48	3.48	3.88	3.77	3.86
3	21007	4.27	4.01	3.84	4.06	3.87	3.68	3.6	3.68	3.76	3.83	3.84	3.75	3.56	3.66	3.72	3.83	3.8	4.16	4.07	4.23
3	20469	4.68	4.38	4.12	4.25	4.03	3.84	3.75	3.83	3.94	4.04	4.07	4.01	3.83	4.01	4.05	4.1	4.06	4.3	4.16	4.27
3	21094	4.24	4.01	3.85	4.08	3.89	3.71	3.59	3.63	3.7	3.76	3.76	3.68	3.53	3.66	3.72	3.83	3.82	4.17	4.09	4.25
3	19761	3.85	3.43	3.22	3.35	3.22	3.19	3.72	3.99	4.15	4.3	4.34	3.71	3.2	3.27	3.15	3.21	3.25	3.6	3.4	3.44
3	19766	3.43	3	2.74	2.78	2.63	2.49	2.57	2.81	3	3.17	3.24	3.1	2.78	2.9	2.75	2.75	2.81	3.04	2.93	2.96
3	20031	3.91	3.44	3.21	3.34	3.19	3.09	3.49	3.78	3.96	4.11	4.16	3.74	3.23	3.28	3.17	3.22	3.24	3.57	3.41	3.44
3	20036	3.38	3	2.75	2.84	2.67	2.51	2.57	2.8	2.98	3.14	3.2	3.09	2.8	2.89	2.77	2.8	2.82	3.08	2.98	3.03
3	20390	3.82	3.46	3.29	3.46	3.33	3.35	4	4.26	4.4	4.55	4.56	3.75	3.23	3.28	3.18	3.29	3.3	3.71	3.48	3.53
3	20396	3.57	3.39	3.22	3.4	3.26	3.16	3.41	3.54	3.57	3.6	3.6	3.5	3.19	3.23	3.14	3.26	3.25	3.53	3.44	3.5
3	20931	3.74	3.4	3.24	3.46	3.3	3.21	3.62	3.9	4.05	4.18	4.2	3.7	3.2	3.22	3.14	3.28	3.25	3.69	3.51	3.57
3	20936	3.55	3.34	3.19	3.45	3.26	3.09	3.18	3.44	3.57	3.66	3.67	3.54	3.21	3.18	3.1	3.27	3.19	3.59	3.49	3.55
3	21271	4.09	3.88	3.75	3.99	3.83	3.65	3.52	3.54	3.6	3.64	3.63	3.56	3.45	3.55	3.6	3.72	3.73	4.07	4.02	4.17
3	21791	4.02	3.93	3.83	4.01	3.88	3.74	3.6	3.53	3.52	3.53	3.49	3.42	3.37	3.5	3.55	3.61	3.68	3.93	3.92	4.03
3	20890	5.33	5.1	4.89	4.96	4.73	4.5	4.28	4.12	4.01	3.96	3.87	3.77	3.68	4.05	4.36	4.43	4.45	4.62	4.48	4.57
3	19990	6.39	6.34	6.3	6.3	6.26	6.21	6.15	6.11	6.05	5.91	5.71	5.56	5.44	5.78	6.1	6.12	6.12	6.13	6.07	6.03
3	20378	4.8	4.5	4.23	4.33	4.11	3.92	3.81	3.86	3.96	4.07	4.1	4.05	3.9	4.13	4.17	4.21	4.16	4.36	4.22	4.31
3	24577	3.19	3.15	3.06	3.19	3.07	2.92	2.78	2.68	2.6	2.63	2.57	2.46	2.36	2.36	2.34	2.35	2.47	2.6	2.71	2.71
3	24587	3.54	3.4	3.23	3.32	3.15	3.01	2.95	2.95	2.94	2.97	2.95	2.87	2.81	2.87	2.86	2.94	2.99	3.12	3.1	3.08
3	19177	6.81	6.79	6.77	6.78	6.75	6.73	6.7	6.67	6.63	6.61	6.58	6.55	6.51	6.59	6.64	6.65	6.62	6.61	6.55	6.49
3	19213	6.5	6.39	6.28	6.26	6.21	6.15	6.17	6.22	6.2	6.21	6.22	6.15	5.95	6.01	5.9	5.86	5.85	5.88	5.74	5.7
3	20357	5.64	5.38	5.15	5.18	4.93	4.72	4.52	4.38	4.3	4.3	4.25	4.18	4.14	4.66	4.94	4.98	4.93	5.04	4.86	4.93
3	20206	4.6	4.13	3.86	3.96	3.78	3.63	3.81	4.05	4.22	4.37	4.43	4.21	3.79	3.88	3.82	3.85	3.83	4.09	3.93	3.98
3	20350	6.23	6.16	6.1	6.09	5.92	5.6	5.36	5.17	5.01	4.93	4.82	4.69	4.59	5.17	5.5	5.5	5.44	5.49	5.31	5.34
3	20900	4.58	4.4	4.23	4.38	4.18	3.99	3.82	3.75	3.76	3.79	3.76	3.7	3.64	3.91	4.06	4.13	4.11	4.36	4.24	4.39
3	19274	6.75	6.75	6.74	6.76	6.75	6.73	6.71	6.68	6.64	6.61	6.58	6.55	6.53	6.63	6.67	6.64	6.62	6.61	6.55	6.5
3	23229	3.81	3.75	3.67	3.81	3.7	3.57	3.43	3.35	3.31	3.32	3.29	3.2	3.13	3.15	3.16	3.18	3.3	3.5	3.58	3.62
3	21914	3.44	3.24	3.17	3.48	3.36	3.19	3.12	3.19	3.26	3.31	3.3	3.2	3.05	3.07	3.04	3.24	3.27	3.64	3.61	3.66
3	23881	3.35	3.22	3.14	3.43	3.31	3.12	3.1	3.16	3.22	3.26	3.25	3.11	2.95	2.97	2.96	3.12	3.18	3.5	3.47	3.45
3	23894	3.06	2.96	2.89	3.19	3.08	2.89	2.8	2.85	2.89	2.91	2.91	2.8	2.69	2.71	2.68	2.91	2.97	3.26	3.24	3.19
3	24628	0.7	0.62	0.57	0.83	0.85	0.89	0.81	0.8	0.79	0.82	0.81	0.73	0.7	0.81	0.75	1.2	1.35	1.45	1.37	1.41
3	24900	1.26	1.27	1.25	1.45	1.38	1.3	1.23	1.23	1.22	1.29	1.28	1.21	1.19	1.36	1.3	1.75	1.75	1.81	1.7	1.83
3	25681	2.8	2.73	2.61	2.77	2.63	2.47	2.38	2.37	2.37	2.39	2.38	2.3	2.28	2.42	2.36	2.51	2.57	2.73	2.7	2.6
3	25694	1.98	1.95	1.89	2.07	1.97	1.81	1.69	1.67	1.65	1.67	1.67	1.59	1.57	1.78	1.71	1.99	2.04	2.18	2.13	1.99
3	25868	2.24	2.22	2.14	2.31	2.19	2.04	1.93	1.9	1.89	1.91	1.9	1.83	1.81	2.02	1.94	2.14	2.19	2.34	2.3	2.18
3	26704	1.09	1.11	1.1	1.2	1.17	1.11	1.07	1.06	1.05	1.13	1.1	1.04	1.03	1.12	1.1	1.39	1.41	1.38	1.33	1.35
3	26616	1.12	1.14	1.13	1.21	1.2	1.14	1.1	1.09	1.08	1.16	1.13	1.08	1.06	1.14	1.13	1.52	1.46	1.42	1.35	1.44
3	25660	3.3	3.26	3.12	3.25	3.01	2.91	2.83	2.78	2.73	2.75	2.72	2.63	2.58	2.76	2.71	2.71	2.77	2.87	2.88	2.86
3	26763	1.48	1.53	1.5	1.56	1.51	1.45	1.39	1.34	1.31	1.36	1.35	1.3	1.31	1.68	1.53	1.63	1.55	1.71	1.63	1.58
3	23403	3.79	3.7	3.6	3.61	3.5	3.37	3.24	3.14	3.05	3.06	3	2.89	2.77	2.78	2.78	2.77	2.86	3.04	3.21	3.13

Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44
4.5	4.23	4.2	4.1	4.06	4.89	6.29	6.12	6.16	6.34	6.53	6.43	6.7	6.78	6.75	6.78	6.71	6.71	6.62	6.49	6.59	6.57	6.44	6.25
4.2	3.91	3.85	3.76	3.72	4.56	6.05	5.76	5.82	5.94	6.27	5.99	6.63	6.67	6.34	6.34	6	6.16	5.84	5.65	6.04	5.9	5.61	5.41
4	3.71	3.66	3.59	3.55	4.39	5.8	5.46	5.57	5.64	5.92	5.65	6.26	6.33	5.93	5.94	5.57	5.79	5.47	5.31	5.73	5.55	5.27	5.1
4.37	4.1	4.05	3.94	3.91	4.73	6.25	6.06	6.08	6.25	6.53	6.34	6.76	6.84	6.72	6.74	6.56	6.57	6.39	6.16	6.41	6.32	6.1	5.91
4.43	4.21	4.25	4.14	4.1	4.85	6.19	6.2	6.23	6.27	6.43	6.45	6.63	6.77	6.78	6.82	6.79	6.8	6.77	6.7	6.73	6.71	6.66	6.59
3.97	3.68	3.6	3.54	3.52	4.25	5.57	5.29	5.36	5.42	5.71	5.51	6.08	6.19	5.84	5.78	5.37	5.53	5.19	4.98	5.31	5.25	5.06	4.91
4.07	3.84	3.81	3.71	3.71	4.39	5.76	5.71	5.8	5.92	6.34	6.17	6.72	6.77	6.56	6.48	6.11	6.19	5.9	5.57	5.84	5.81	5.56	5.32
4.18	3.93	3.89	3.79	3.78	4.5	5.97	5.87	5.93	6.05	6.47	6.28	6.77	6.84	6.67	6.61	6.31	6.36	6.08	5.78	6.05	5.99	5.74	5.51
3.93	3.71	3.68	3.6	3.62	4.24	5.52	5.48	5.6	5.7	6.1	5.94	6.52	6.57	6.32	6.22	5.8	5.92	5.64	5.29	5.57	5.55	5.32	5.11
3.95	3.78	3.82	3.73	3.78	4.35	5.58	5.73	5.95	6.12	6.6	6.43	6.75	6.86	6.78	6.71	6.45	6.48	6.28	5.91	6.11	6.07	5.8	5.54
3.83	3.65	3.66	3.59	3.64	4.2	5.39	5.49	5.7	5.83	6.25	6.11	6.59	6.66	6.48	6.36	5.97	6.09	5.86	5.46	5.71	5.7	5.45	5.21
3.62	3.45	3.47	3.42	3.51	4	5.13	5.26	5.54	5.62	5.93	5.8	6.27	6.33	6.16	6.03	5.64	5.83	5.59	5.23	5.47	5.45	5.22	5.03
3.58	3.38	3.37	3.33	3.39	3.88	5.01	5	5.19	5.24	5.48	5.38	5.85	5.96	5.71	5.59	5.18	5.38	5.1	4.81	5.07	5.05	4.89	4.76
3.7	3.43	3.44	3.39	3.31	4.21	5.56	5.35	5.48	5.62	5.69	5.59	6.06	6.01	5.8	5.83	5.59	5.82	5.6	5.53	5.96	5.68	5.5	5.36
3.68	3.4	3.39	3.35	3.28	4.18	5.47	5.21	5.35	5.42	5.53	5.39	5.86	5.85	5.57	5.59	5.32	5.56	5.32	5.25	5.65	5.39	5.2	5.07
3.5	3.21	3.2	3.17	3.1	4	4.98	4.79	4.89	4.86	4.95	4.85	5.15	5.18	4.96	4.93	4.75	4.9	4.74	4.68	4.91	4.76	4.62	4.57
3.56	3.27	3.24	3.22	3.15	4.02	5.07	4.83	4.95	4.91	5.03	4.91	5.25	5.28	5.05	5.01	4.78	4.96	4.75	4.68	4.93	4.79	4.65	4.58
3.85	3.56	3.49	3.45	3.4	4.25	5.56	5.21	5.34	5.35	5.57	5.35	5.88	5.95	5.59	5.56	5.22	5.45	5.14	5.01	5.38	5.21	4.99	4.85
3.77	3.48	3.41	3.38	3.34	4.14	5.36	5.04	5.15	5.15	5.36	5.17	5.65	5.72	5.41	5.36	5.01	5.23	4.92	4.79	5.11	5	4.83	4.72
4.14	3.84	3.76	3.68	3.65	4.47	5.94	5.61	5.68	5.76	6.09	5.82	6.45	6.52	6.16	6.14	5.76	5.92	5.58	5.38	5.74	5.64	5.38	5.19
4.19	3.92	3.89	3.81	3.75	4.6	6.02	5.77	5.85	6.01	6.29	6.05	6.64	6.64	6.38	6.41	6.11	6.28	6.01	5.85	6.24	6.07	5.81	5.62
4.17	3.88	3.79	3.71	3.69	4.49	5.97	5.67	5.73	5.81	6.16	5.91	6.53	6.6	6.27	6.24	5.86	6	5.66	5.44	5.78	5.7	5.45	5.25
3.35	3.08	3.16	3.11	3	3.97	5.21	5.07	5.22	5.38	5.32	5.34	5.73	5.7	5.54	5.54	5.33	5.5	5.35	5.27	5.68	5.41	5.27	5.09
2.88	2.64	2.79	2.77	2.61	3.49	4.51	4.48	4.72	4.91	4.94	4.84	5.56	5.65	5.2	5.24	4.77	5.03	4.75	4.53	5.24	4.93	4.53	4.28
3.36	3.09	3.15	3.1	2.99	3.9	5.16	5.03	5.21	5.37	5.37	5.31	5.81	5.77	5.53	5.54	5.24	5.47	5.26	5.16	5.68	5.37	5.16	4.97
2.95	2.69	2.79	2.75	2.63	3.48	4.58	4.52	4.77	4.94	5.02	4.87	5.57	5.66	5.21	5.21	4.7	4.96	4.66	4.45	5.16	4.9	4.47	4.19
3.44	3.16	3.18	3.15	3.07	4.09	5.42	5.2	5.31	5.43	5.37	5.42	5.66	5.63	5.55	5.53	5.4	5.52	5.41	5.39	5.65	5.45	5.37	5.2
3.41	3.14	3.15	3.12	3.03	3.84	5.1	4.8	4.92	5.13	5.26	5.12	5.57	5.52	5.16	4.99	4.28	4.59	4.24	4.26	5.09	4.67	4.17	4.07
3.47	3.17	3.13	3.12	3.05	3.95	5.06	4.8	4.96	4.89	5	4.87	5.22	5.22	4.98	4.91	4.64	4.86	4.63	4.56	4.88	4.72	4.51	4.4
3.45	3.14	3.08	3.07	3.02	3.88	5.28	4.93	5.11	5.1	5.31	5.07	5.59	5.57	5.2	5.06	4.49	4.79	4.43	4.31	4.93	4.77	4.31	4.08
4.11	3.83	3.75	3.67	3.65	4.4	5.81	5.59	5.64	5.73	6.09	5.88	6.49	6.57	6.25	6.19	5.8	5.91	5.59	5.33	5.65	5.59	5.36	5.16
4.01	3.83	3.88	3.78	3.81	4.41	5.67	5.8	6	6.17	6.64	6.49	6.82	6.87	6.82	6.76	6.53	6.55	6.35	6.01	6.2	6.15	5.88	5.62
4.55	4.33	4.36	4.25	4.2	4.96	6.22	6.19	6.23	6.27	6.42	6.45	6.63	6.77	6.78	6.83	6.8	6.81	6.78	6.71	6.74	6.73	6.68	6.61
5.92	5.67	5.71	5.61	5.57	6.02	6.37	6.38	6.41	6.49	6.57	6.57	6.72	6.87	6.86	6.92	6.9	6.92	6.91	6.88	6.94	6.93	6.88	6.84
4.24	3.97	3.96	3.88	3.81	4.66	6.02	5.82	5.92	6.08	6.34	6.13	6.63	6.66	6.48	6.5	6.28	6.41	6.19	6.03	6.37	6.22	5.99	5.81
2.76	2.65	2.67	2.65	3.01	3.45	4.4	4.61	5.28	5.54	5.67	5.6	5.74	5.82	5.86	5.83	5.7	5.82	5.76	5.5	5.56	5.42	5.1	4.83
3.06	3	3.04	3.01	3.14	3.64	4.71	4.65	4.99	4.98	5.02	5.05	5.34	5.43	5.32	5.27	5.06	5.26	5.02	4.84	4.98	4.9	4.74	4.63
6.44	6.37	6.32	6.27	6.22	6.38	6.62	6.62	6.65	6.76	6.79	6.78	6.87	6.96	6.97	7.04	7.01	7.04	7.08	7.09	7.14	7.14	7.11	7.09
5.6	5.37	5.45	5.28	5.14	5.84	6.19	6.18	6.34	6.38	6.48	6.53	6.71	6.82	6.78	6.85	6.8	6.86	6.87	6.86	7.01	6.96	6.88	6.81
4.9	4.66	4.64	4.54	4.49	5.33	6.26	6.24	6.28	6.37	6.48	6.5	6.66	6.8	6.8	6.86	6.83	6.83	6.79	6.72	6.76	6.75	6.69	6.62
3.89	3.62	3.64	3.59	3.5	4.36	5.66	5.48	5.63	5.79	5.91	5.76	6.26	6.23	6.07	6.12	5.9	6.08	5.88	5.78	6.17	5.98	5.78	5.62
5.29	5.08	5.1	5.02	4.99	5.69	6.26	6.26	6.29	6.35	6.46	6.47	6.64	6.8	6.8	6.86	6.84	6.85	6.84	6.79	6.84	6.82	6.77	6.72
4.36	4.09	4.04	3.94	3.91	4.71	6.25	6.09	6.11	6.27	6.55	6.4	6.75	6.84	6.76	6.77	6.62	6.61	6.45	6.23	6.42	6.36	6.16	5.96
6.46	6.39	6.36	6.33	6.28	6.43	6.6	6.58	6.61	6.71	6.78	6.79	6.93	7.05	7.04	7.11	7.08	7.11	7.13	7.13	7.22	7.22	7.16	7.11
3.62	3.5	3.58	3.52	3.67	4.16	5.23	5.56	5.99	6.16	6.49	6.34	6.55	6.61	6.58	6.51	6.33	6.4	6.3	5.93	6.12	6.06	5.79	5.55
3.59	3.32	3.26	3.22	3.2	3.82	5.04	4.85	4.93	4.95	5.16	5.04	5.52	5.64	5.35	5.25	4.79	4.99	4.64	4.44	4.73	4.67	4.54	4.42
3.42	3.19	3.18	3.15	3.18	3.64	4.74	4.59	4.7	4.67	4.85	4.75	5.15	5.26	5.03	4.94	4.54	4.76	4.45	4.3	4.55	4.54	4.48	4.41
3.16	2.95	2.96	2.94	2.92	3.41	4.58	4.49	4.56	4.56	4.78	4.69	5.08	5.26	4.96	4.87	4.44	4.65	4.3	4.13	4.36	4.29	4.15	4.04
1.49	1.32	1.34	1.34	1.21	1.88	2.75	2.68	2.64	2.63	3.12	2.84	2.97	3.07	2.75	2.78	2.66	2.75	2.41	2.22	2.49	2.39	2.11	1.9
1.91	1.78	1.79	1.74	1.64	2.19	2.39	2.21	2.24	2.22	2.45	2.27	2.31	2.32	2.21	2.22	2.24	2.24	2.13	2.09	2.26	2	1.8	1.74
2.65	2.6	2.63	2.6	2.66	3.08	4	3.86	4.05	3.91	3.93	3.91	4.16	4.24	4.13	4.1	3.9	4.11	3.89	3.82	3.89	3.85	3.73	3.63
2.09	2.12	2.12	2.09	2.08	2.54	3.47	3.28	3.43	3.28	3.41	3.28	3.62	3.82	3.56	3.59	3.18	3.48	3.1	2.91	3.1	2.98	2.78	2.67
2.29	2.31	2.29	2.25	2.27	2.7	3.57	3.33	3.57	3.38	3.43	3.36	3.67	3.79	3.63	3.62	3.3	3.6	3.26	3.13	3.28	3.18	3.02	2.93
1.48	1.47	1.41	1.39	1.36	1.54	1.6	1.55	1.56	1.56	1.58	1.58	1.66	1.69	1.67	1.68	1.67	1.71	1.62	1.55	1.66	1.56	1.42	1.33
1.58	1.5	1.46	1.42	1.42	1.64	1.69	1.61	1.61	1.6	1.63	1.63	1.72	1.74	1.69	1.69	1.69	1.73	1.64	1.58	1.72	1.61	1.45	1.35
2.94	2.86	2.88	2.86	3.11	3.54	4.48	4.39	4.84															

Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
6.13	5.96	5.76	6.07	5.89	5.78	5.72	5.65	3.88	5.32	5.31	6.78	1.063	2.90
5.37	5.21	5.04	5.54	5.37	5.25	5.2	5.15	3.69	4.89	4.80	6.67	0.978	2.98
5.08	4.96	4.8	5.3	5.14	5.04	5	4.93	3.55	4.68	4.60	6.33	0.879	2.78
5.81	5.61	5.42	5.85	5.68	5.55	5.5	5.43	3.71	5.14	5.08	6.84	1.085	3.13
6.56	6.47	6.39	6.45	6.4	6.35	6.3	6.25	3.59	5.40	5.62	6.82	1.181	3.23
4.9	4.75	4.62	5.19	5.06	4.96	4.94	4.9	3.36	4.48	4.44	6.19	0.879	2.83
5.28	5.06	4.87	5.56	5.4	5.24	5.17	5.11	3.41	4.77	4.63	6.77	1.094	3.36
5.44	5.21	5.02	5.65	5.49	5.34	5.27	5.2	3.48	4.89	4.76	6.84	1.114	3.36
5.09	4.89	4.71	5.41	5.26	5.11	5.05	4.99	3.33	4.61	4.48	6.57	1.041	3.24
5.49	5.25	5.01	5.82	5.64	5.43	5.32	5.21	3.34	4.84	4.68	6.86	1.214	3.52
5.19	4.99	4.77	5.55	5.38	5.2	5.11	5.02	3.27	4.64	4.49	6.66	1.121	3.39
5.04	4.86	4.65	5.38	5.21	5.03	4.96	4.85	3.14	4.44	4.33	6.33	1.072	3.19
4.78	4.64	4.44	5.09	4.97	4.85	4.82	4.74	3.10	4.25	4.16	5.96	0.923	2.86
5.21	5.21	4.68	5.42	5.37	5.16	5.04	4.76	3.31	4.64	4.57	6.06	0.926	2.75
4.98	4.96	4.56	5.21	5.12	4.97	4.89	4.68	3.28	4.51	4.48	5.86	0.846	2.58
4.56	4.53	4.27	4.74	4.65	4.61	4.59	4.44	3.10	4.16	4.36	5.18	0.678	2.08
4.57	4.53	4.31	4.79	4.68	4.64	4.62	4.5	3.15	4.19	4.28	5.28	0.688	2.13
4.83	4.74	4.59	5.09	4.94	4.86	4.84	4.76	3.40	4.47	4.42	5.95	0.798	2.55
4.7	4.61	4.46	4.98	4.85	4.79	4.77	4.7	3.32	4.33	4.30	5.72	0.763	2.40
5.17	5.01	4.86	5.4	5.24	5.13	5.09	5.04	3.56	4.74	4.67	6.52	0.942	2.96
5.55	5.41	5.22	5.66	5.5	5.38	5.32	5.24	3.75	4.98	4.95	6.64	0.981	2.89
5.22	5.05	4.9	5.44	5.29	5.17	5.13	5.08	3.53	4.77	4.70	6.60	0.977	3.07
4.93	4.95	4.26	5.22	5.14	4.87	4.72	4.38	3.00	4.35	4.32	5.73	0.947	2.73
4.14	4.18	3.81	4.41	4.31	4.13	4	3.84	2.49	3.77	3.65	5.65	0.972	3.16
4.81	4.84	4.27	5.06	5.03	4.79	4.65	4.35	2.99	4.30	4.22	5.81	0.939	2.82
4.04	4.03	3.71	4.34	4.25	4.07	3.93	3.77	2.51	3.76	3.60	5.66	0.956	3.15
5.04	5.03	4.25	5.38	5.28	4.98	4.82	4.42	3.07	4.43	4.49	5.66	0.940	2.59
3.86	3.76	3.63	4.47	4.25	3.93	3.76	3.66	3.03	3.96	3.65	5.57	0.744	2.54
4.36	4.32	4.1	4.66	4.53	4.46	4.43	4.29	3.05	4.10	4.19	5.22	0.690	2.17
3.96	3.84	3.71	4.5	4.34	4.15	4.04	3.92	3.02	4.00	3.78	5.59	0.777	2.57
5.14	4.95	4.8	5.4	5.25	5.12	5.08	5.04	3.45	4.69	4.60	6.57	0.986	3.12
5.56	5.31	5.07	5.86	5.68	5.48	5.36	5.26	3.37	4.90	4.74	6.87	1.220	3.50
6.58	6.51	6.43	6.48	6.42	6.37	6.33	6.29	3.68	5.48	5.76	6.83	1.121	3.15
6.83	6.78	6.73	6.74	6.7	6.66	6.65	6.63	5.44	6.36	6.38	6.94	0.442	1.50
5.73	5.59	5.39	5.79	5.62	5.5	5.44	5.36	3.81	5.08	5.08	6.66	0.997	2.85
4.74	4.52	4.26	4.8	4.61	4.39	4.3	4.12	2.34	3.95	3.79	5.86	1.299	3.52
4.65	4.56	4.39	4.58	4.41	4.22	4.15	3.99	2.81	3.94	3.82	5.43	0.929	2.62
7.1	7.07	7.04	7.02	7	6.99	6.99	6.97	6.22	6.77	6.77	7.14	0.250	0.92
6.79	6.8	6.73	6.8	6.78	6.74	6.71	6.67	5.14	6.32	6.31	7.01	0.483	1.87
6.57	6.5	6.41	6.44	6.39	6.32	6.28	6.24	4.14	5.66	5.94	6.86	0.954	2.72
5.48	5.43	5.04	5.58	5.51	5.35	5.25	5.04	3.50	4.84	4.82	6.26	0.945	2.76
6.7	6.64	6.58	6.58	6.54	6.49	6.47	6.44	4.59	5.99	6.25	6.86	0.720	2.27
5.84	5.63	5.42	5.88	5.7	5.57	5.51	5.44	3.64	5.13	5.07	6.84	1.119	3.20
7.1	7.09	7.05	7.08	7.05	7.02	7.01	7	6.28	6.79	6.75	7.22	0.263	0.94
5.5	5.28	5.02	5.93	5.66	5.4	5.26	5.1	3.13	4.70	4.59	6.61	1.282	3.48
4.41	4.29	4.15	4.73	4.64	4.58	4.58	4.54	3.04	4.06	3.99	5.64	0.807	2.60
4.44	4.35	4.16	4.68	4.64	4.59	4.59	4.53	2.95	3.94	3.90	5.26	0.744	2.31
4.1	3.97	3.78	4.28	4.29	4.22	4.24	4.18	2.68	3.70	3.60	5.26	0.790	2.58
1.9	1.69	1.45	1.93	1.98	1.84	1.81	1.71	0.57	1.70	1.59	3.12	0.790	2.55
1.73	1.63	1.52	1.83	1.74	1.65	1.64	1.56	1.19	1.76	1.75	2.45	0.389	1.26
3.7	3.64	3.47	3.63	3.59	3.47	3.44	3.32	2.28	3.19	3.20	4.24	0.672	1.96
2.76	2.72	2.55	2.72	2.76	2.65	2.66	2.56	1.57	2.51	2.55	3.82	0.666	2.25
2.99	2.96	2.81	2.95	2.97	2.88	2.87	2.78	1.81	2.69	2.74	3.79	0.615	1.98
1.3	1.32	1.26	1.3	1.29	1.26	1.25	1.22	1.03	1.36	1.36	1.71	0.213	0.68
1.32	1.36	1.28	1.36	1.32	1.29	1.28	1.24	1.06	1.40	1.42	1.74	0.221	0.68
4.28	4.2	4.07	4.15	3.98	3.74	3.65	3.45	2.58	3.71	3.50	5.10	0.882	2.52
2.11	2.11	2.08	2.09	2.18	2.14	2.1	2.05	1.30	1.94	2.04	2.57	0.423	1.27
5.39	5.27	5.04	5.47	5.47	5.42	5.34	5.17	2.77	4.32	4.21	5.79	1.195	3.02

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20
Base83bc_Exist_89_83ops																					
3	20457	5.32	5.25	5.2	5.46	5.35	5.21	5.1	5.06	5.05	5.07	5.03	4.94	4.89	5.31	5.53	5.63	5.62	5.81	5.61	5.68
3	20737	5.25	5.25	5.26	5.59	5.43	5.3	5.24	5.24	5.23	5.24	5.18	5.1	5.06	5.32	5.44	5.55	5.49	5.74	5.51	5.64
3	20743	5.54	5.55	5.58	5.83	5.65	5.54	5.54	5.54	5.52	5.53	5.44	5.38	5.35	5.56	5.57	5.66	5.57	5.78	5.54	5.69
3	20726	5.05	5.01	4.98	5.29	5.18	5.05	4.95	4.91	4.9	4.91	4.87	4.78	4.72	5.07	5.27	5.39	5.38	5.61	5.44	5.54
3	20980	5.1	4.94	4.79	4.95	4.8	4.65	4.5	4.4	4.35	4.33	4.26	4.17	4.08	4.42	4.73	4.83	4.9	5.13	5.03	5.14
3	21277	4.64	4.67	4.72	5.07	5.01	4.93	4.82	4.77	4.77	4.8	4.8	4.76	4.62	4.75	4.87	4.99	4.89	5.2	5.03	5.2
3	21529	4.33	4.34	4.36	4.69	4.64	4.57	4.48	4.44	4.43	4.43	4.42	4.36	4.31	4.43	4.54	4.69	4.7	4.98	4.88	5
3	21259	4.49	4.48	4.48	4.82	4.75	4.67	4.58	4.54	4.53	4.53	4.5	4.44	4.39	4.56	4.7	4.85	4.87	5.15	5.04	5.17
3	21891	4.23	4.26	4.28	4.62	4.59	4.52	4.43	4.37	4.37	4.38	4.38	4.34	4.27	4.34	4.44	4.58	4.57	4.84	4.74	4.85
3	21971	4.1	4.09	4.09	4.36	4.32	4.25	4.18	4.14	4.13	4.13	4.11	4.05	4.01	4.11	4.18	4.28	4.36	4.6	4.57	4.63
3	22335	4.06	4.09	4.1	4.4	4.38	4.31	4.23	4.17	4.17	4.18	4.17	4.13	4.07	4.12	4.19	4.32	4.35	4.59	4.53	4.6
3	23325	3.95	3.98	4	4.3	4.28	4.2	4.09	4.03	4.03	4.06	4.07	4.02	3.93	3.95	4.01	4.12	4.13	4.35	4.3	4.33
3	23331	4.08	4.13	4.16	4.49	4.49	4.4	4.25	4.19	4.2	4.25	4.28	4.25	4.08	4.13	4.23	4.31	4.26	4.49	4.39	4.46
3	20297	6.23	6.24	6.26	6.22	6.09	6.07	6.15	6.15	6.11	6.13	5.97	5.99	5.97	6.1	5.94	5.96	5.88	5.87	5.72	5.82
3	20477	6.19	6.2	6.22	6.21	6.06	6.04	6.12	6.11	6.07	6.08	5.92	5.94	5.91	6.03	5.88	5.91	5.82	5.84	5.69	5.8
3	20838	6.32	6.33	6.34	6.18	6.11	6.17	6.24	6.2	6.16	6.14	5.99	6.06	5.98	6	5.85	5.84	5.79	5.68	5.7	5.75
3	21017	6.05	6.06	6.08	6.02	5.94	5.96	6	5.97	5.93	5.92	5.79	5.84	5.75	5.8	5.68	5.69	5.62	5.6	5.57	5.65
3	20925	5.6	5.62	5.65	5.83	5.68	5.6	5.61	5.6	5.58	5.59	5.48	5.46	5.4	5.54	5.52	5.59	5.48	5.68	5.47	5.63
3	21105	5.3	5.33	5.37	5.56	5.46	5.4	5.36	5.33	5.32	5.34	5.27	5.27	5.14	5.26	5.27	5.33	5.21	5.41	5.26	5.4
3	21007	5.04	5.06	5.08	5.42	5.29	5.18	5.12	5.09	5.09	5.1	5.05	4.99	4.92	5.11	5.22	5.35	5.27	5.57	5.37	5.54
3	20469	5.49	5.5	5.5	5.79	5.61	5.48	5.43	5.43	5.43	5.45	5.39	5.29	5.27	5.59	5.68	5.77	5.71	5.91	5.64	5.75
3	21094	4.86	4.87	4.89	5.24	5.14	5.04	4.96	4.92	4.92	4.93	4.9	4.83	4.76	4.94	5.08	5.22	5.15	5.47	5.29	5.45
3	19761	6.11	6.12	6.12	5.93	5.87	5.93	6.02	5.98	5.95	5.94	5.79	5.86	5.82	5.86	5.67	5.63	5.61	5.48	5.48	5.51
3	19766	4.5	4.54	4.58	4.7	4.56	4.48	4.5	4.53	4.54	4.59	4.51	4.45	4.48	4.76	4.61	4.62	4.63	4.73	4.48	4.55
3	20031	5.85	5.87	5.89	5.82	5.72	5.71	5.8	5.79	5.76	5.78	5.64	5.66	5.65	5.76	5.57	5.58	5.53	5.5	5.36	5.44
3	20036	4.48	4.54	4.59	4.79	4.64	4.54	4.56	4.59	4.6	4.65	4.57	4.5	4.53	4.79	4.67	4.72	4.7	4.84	4.54	4.61
3	20390	6.51	6.51	6.51	6.24	6.21	6.32	6.4	6.34	6.31	6.27	6.11	6.21	6.13	6.11	5.92	5.88	5.86	5.64	5.75	5.75
3	20396	4.92	5	5.06	5.38	5.26	5.17	5.14	5.17	5.2	5.24	5.2	5.12	5.1	5.28	5.24	5.44	5.38	5.26	4.92	5.08
3	20931	6	6.02	6.06	6.03	5.92	5.92	5.99	5.97	5.94	5.94	5.79	5.83	5.77	5.82	5.68	5.74	5.64	5.66	5.55	5.61
3	20936	5.01	5.1	5.18	5.53	5.34	5.22	5.22	5.26	5.26	5.3	5.22	5.14	5.11	5.27	5.22	5.42	5.3	5.52	5.11	5.2
3	21271	4.58	4.6	4.63	4.99	4.93	4.84	4.75	4.7	4.7	4.71	4.7	4.65	4.56	4.7	4.83	4.98	4.93	5.24	5.09	5.24
3	21791	4.15	4.14	4.13	4.4	4.35	4.28	4.21	4.17	4.16	4.16	4.13	4.07	4.04	4.17	4.24	4.34	4.42	4.66	4.63	4.71
3	20890	5.38	5.18	5.01	5.14	4.97	4.81	4.65	4.54	4.47	4.44	4.38	4.27	4.18	4.55	4.9	5	5.06	5.26	5.15	5.25
3	19990	6.39	6.35	6.31	6.32	6.29	6.24	6.2	6.16	6.12	6.09	6.04	5.87	5.7	5.94	6.17	6.19	6.19	6.19	6.14	6.12
3	20378	5.53	5.52	5.52	5.8	5.63	5.49	5.43	5.43	5.44	5.46	5.41	5.31	5.28	5.65	5.74	5.83	5.77	5.95	5.68	5.77
3	24577	3.12	3.09	3.04	3.21	3.14	3.04	2.93	2.85	2.79	2.85	2.81	2.7	2.59	2.6	2.6	2.61	2.73	2.85	2.95	2.94
3	24587	3.62	3.67	3.69	3.92	3.76	3.58	3.53	3.61	3.65	3.68	3.51	3.36	3.4	3.54	3.44	3.42	3.4	3.52	3.5	3.43
3	19177	7.13	7.12	7.1	7.06	6.97	6.91	6.94	6.92	6.86	6.86	6.76	6.73	6.71	6.76	6.73	6.64	6.54	6.49	6.4	6.33
3	19213	6.55	6.57	6.58	6.6	6.54	6.48	6.48	6.47	6.43	6.43	6.4	6.34	6.32	6.38	6.35	6.29	6.27	6.23	6.14	6.09
3	20357	5.77	5.59	5.44	5.57	5.42	5.29	5.16	5.08	5.04	5.05	5.01	4.92	4.87	5.38	5.68	5.76	5.74	5.86	5.68	5.75
3	20206	6.07	6.09	6.11	6.15	6.02	5.95	6	6.01	5.99	6.03	5.91	5.88	5.87	6.06	5.99	6.02	5.93	6	5.76	5.87
3	20350	6.23	6.17	6.11	6.1	6.01	5.74	5.52	5.37	5.24	5.19	5.1	4.99	4.91	5.46	5.8	5.81	5.74	5.81	5.64	5.67
3	20900	4.9	4.85	4.82	5.12	5.03	4.91	4.8	4.76	4.75	4.75	4.71	4.62	4.56	4.87	5.09	5.21	5.22	5.48	5.33	5.45
3	19274	6.79	6.79	6.79	6.79	6.74	6.68	6.66	6.64	6.6	6.59	6.55	6.5	6.48	6.57	6.57	6.51	6.45	6.41	6.32	6.26
3	23229	3.84	3.84	3.81	4.02	3.98	3.9	3.82	3.77	3.75	3.77	3.75	3.67	3.61	3.64	3.67	3.71	3.83	4.02	4.07	4.09
3	21914	4.23	4.29	4.35	4.72	4.71	4.63	4.48	4.43	4.44	4.48	4.51	4.49	4.3	4.39	4.48	4.62	4.5	4.78	4.62	4.71
3	23881	4.22	4.28	4.32	4.67	4.65	4.55	4.32	4.31	4.34	4.45	4.46	4.39	4.14	4.31	4.39	4.37	4.29	4.48	4.39	4.42
3	23894	3.95	4.01	4.05	4.39	4.27	4.14	4.03	4.07	4.1	4.14	4.08	3.98	3.9	4.03	4.02	4.14	4.04	4.23	4.1	4.09
3	24628	1.05	1.04	1.04	1.33	1.36	1.41	1.35	1.37	1.39	1.45	1.46	1.38	1.35	1.47	1.44	1.91	2.04	2.11	1.99	1.99
3	24900	1.48	1.49	1.5	1.61	1.54	1.54	1.51	1.54	1.55	1.64	1.63	1.56	1.55	1.74	1.69	2.07	2.05	2.11	2.03	2.1
3	25681	3.59	3.67	3.69	3.67	3.32	3.14	3.43	3.63	3.69	3.56	3.13	3.04	3.41	3.52	3.11	3.1	3.05	3.16	3.09	2.97
3	25694	2.35	2.43	2.47	2.69	2.48	2.27	2.23	2.38	2.45	2.52	2.36	2.16	2.22	2.54	2.38	2.54	2.5	2.56	2.46	2.31
3	25868	2.69	2.78	2.81	2.96	2.7	2.52	2.58	2.74	2.8	2.82	2.58	2.4	2.57	2.85	2.59	2.67	2.62	2.71	2.63	2.49
3	26704	1.19	1.21	1.21	1.23	1.19	1.2	1.19	1.2	1.2	1.3	1.26	1.22	1.21	1.31	1.28	1.44	1.48	1.46	1.42	1.44
3	26616	1.22	1.23	1.24	1.26	1.22	1.22	1.21	1.22	1.23	1.32	1.29	1.25	1.24	1.33	1.31	1.58	1.54	1.51	1.46	1.52
3	25660	2.91	2.94	2.93	3.16	3.06	2.89	2.77	2.76	2.76	2.81	2.74	2.58	2.53	2.77	2.71	2.66	2.68	2.75	2.78	2.73
3	26763	1.39	1.46	1.46	1.55	1.54	1.5	1.44	1.39	1.38	1.45	1.46	1.42	1.41	1.78	1.64	1.74	1.65	1.8	1.69	1.64
3	23403	3.78	3.69	3.59	3.61	3.5	3.39	3.28	3.2	3.13	3.15	3.11	3.01	2.9	2.93	2.94	2.93	3.03	3.22	3.39	3.31

Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44
5.64	5.34	5.29	5.19	5.13	5.97	6.67	6.58	6.57	6.61	6.72	6.69	6.83	6.97	6.94	6.96	6.89	6.88	6.81	6.7	6.75	6.75	6.65	6.53
5.54	5.22	5.18	5.1	5.05	5.93	7	6.57	6.48	6.51	6.72	6.48	6.96	6.95	6.72	6.73	6.45	6.6	6.29	6.13	6.54	6.38	6.08	5.94
5.53	5.23	5.23	5.17	5.12	5.97	6.96	6.28	6.22	6.25	6.48	6.2	6.77	6.73	6.39	6.42	6.05	6.26	5.93	5.8	6.34	6.09	5.81	5.74
5.5	5.19	5.12	5.02	4.98	5.83	6.79	6.67	6.63	6.65	6.81	6.72	6.9	7	6.96	6.97	6.88	6.87	6.77	6.64	6.72	6.71	6.57	6.39
5.13	4.92	4.95	4.84	4.79	5.51	6.33	6.36	6.4	6.46	6.61	6.63	6.8	6.94	6.93	6.96	6.93	6.93	6.9	6.83	6.86	6.85	6.79	6.73
5.06	4.82	4.79	4.73	4.72	5.42	6.51	6.11	6.16	6.17	6.37	6.18	6.63	6.54	6.32	6.29	6.01	6.22	5.89	5.7	6.04	5.88	5.61	5.45
4.94	4.69	4.67	4.59	4.6	5.28	6.58	6.43	6.49	6.58	6.79	6.65	6.96	6.97	6.85	6.82	6.61	6.7	6.51	6.28	6.5	6.4	6.11	5.88
5.12	4.84	4.8	4.71	4.7	5.43	6.7	6.59	6.58	6.64	6.84	6.72	6.96	7.01	6.92	6.91	6.76	6.79	6.64	6.45	6.63	6.54	6.31	6.09
4.77	4.54	4.55	4.49	4.51	5.14	6.36	6.22	6.33	6.41	6.64	6.49	6.88	6.83	6.67	6.62	6.36	6.52	6.28	6.02	6.28	6.16	5.86	5.63
4.6	4.41	4.46	4.38	4.43	5.02	6.26	6.34	6.52	6.6	6.79	6.76	6.89	6.94	6.92	6.89	6.77	6.77	6.73	6.56	6.63	6.56	6.33	6.08
4.54	4.35	4.39	4.33	4.38	4.96	6.13	6.15	6.34	6.45	6.64	6.54	6.8	6.84	6.74	6.69	6.48	6.57	6.4	6.12	6.34	6.24	5.92	5.68
4.27	4.11	4.16	4.12	4.21	4.71	5.77	5.84	6.11	6.15	6.35	6.25	6.53	6.54	6.44	6.39	6.14	6.29	6.08	5.8	6.01	5.89	5.58	5.36
4.36	4.22	4.26	4.22	4.29	4.76	5.73	5.7	5.9	5.92	6.09	6	6.32	6.27	6.15	6.07	5.82	6.03	5.78	5.5	5.74	5.6	5.33	5.15
5.6	5.37	5.44	5.36	5.29	6.03	6.33	5.75	5.74	5.84	5.93	5.76	6.23	6.21	5.94	5.97	5.61	5.79	5.53	5.55	6.14	5.69	5.68	5.73
5.57	5.35	5.41	5.34	5.28	6.03	6.44	5.76	5.74	5.84	5.96	5.76	6.24	6.25	5.92	5.95	5.56	5.77	5.48	5.52	6.12	5.66	5.65	5.71
5.51	5.35	5.39	5.31	5.29	5.87	6.1	5.53	5.51	5.66	5.71	5.58	5.95	5.96	5.71	5.7	5.32	5.53	5.26	5.47	5.87	5.41	5.62	5.69
5.42	5.24	5.27	5.21	5.19	5.8	6.18	5.61	5.6	5.71	5.79	5.65	6.02	6.02	5.77	5.76	5.4	5.61	5.33	5.46	5.87	5.45	5.57	5.61
5.43	5.17	5.18	5.13	5.09	5.88	6.73	6.03	6.02	6.04	6.24	6	6.5	6.49	6.16	6.16	5.79	6.02	5.68	5.61	6.14	5.84	5.65	5.62
5.21	5	5	4.95	4.93	5.63	6.41	5.87	5.89	5.92	6.07	5.88	6.29	6.26	6.01	5.99	5.67	5.9	5.58	5.5	5.93	5.64	5.5	5.45
5.41	5.1	5.05	4.99	4.95	5.78	6.93	6.44	6.4	6.42	6.64	6.4	6.88	6.86	6.61	6.6	6.3	6.48	6.14	5.98	6.38	6.21	5.92	5.78
5.65	5.31	5.3	5.23	5.16	6.06	6.87	6.52	6.44	6.47	6.64	6.44	6.87	6.88	6.7	6.72	6.48	6.59	6.34	6.18	6.57	6.41	6.14	6.02
5.34	5.04	4.98	4.91	4.88	5.69	6.88	6.48	6.46	6.48	6.69	6.48	6.91	6.9	6.69	6.67	6.4	6.56	6.24	6.07	6.41	6.27	5.98	5.81
5.3	5.15	5.25	5.16	5.1	5.68	5.76	5.29	5.28	5.46	5.45	5.35	5.78	5.8	5.52	5.52	5.14	5.32	5.08	5.22	5.74	5.23	5.39	5.43
4.39	4.15	4.36	4.32	4.18	5.03	5.49	4.97	4.97	5.05	5.04	4.91	5.59	5.71	5.22	5.25	4.74	4.96	4.68	4.46	5.27	4.91	4.52	4.4
5.21	5.01	5.14	5.05	4.98	5.69	5.91	5.36	5.36	5.48	5.5	5.37	5.85	5.88	5.56	5.57	5.15	5.34	5.09	5.09	5.75	5.27	5.23	5.26
4.44	4.16	4.33	4.3	4.2	5.07	5.67	5.07	5.09	5.12	5.15	4.96	5.61	5.73	5.26	5.26	4.74	4.97	4.67	4.45	5.21	4.9	4.5	4.34
5.52	5.38	5.43	5.34	5.33	5.81	5.84	5.37	5.34	5.54	5.54	5.45	5.78	5.79	5.58	5.56	5.2	5.38	5.14	5.44	5.78	5.27	5.63	5.71
4.7	4.36	4.54	4.56	4.65	5.38	5.72	5.3	5.31	5.27	5.38	5.16	5.62	5.61	5.36	5.3	4.85	5.06	4.74	4.51	5.03	4.86	4.63	4.42
5.38	5.15	5.18	5.14	5.12	5.8	6.2	5.55	5.55	5.61	5.69	5.52	5.91	5.92	5.65	5.61	5.21	5.45	5.15	5.26	5.72	5.3	5.37	5.41
4.98	4.57	4.61	4.64	4.67	5.56	6.46	5.67	5.67	5.56	5.7	5.43	5.92	5.95	5.6	5.52	5.02	5.32	4.94	4.76	5.3	5.1	4.78	4.66
5.14	4.87	4.82	4.75	4.74	5.48	6.72	6.37	6.39	6.43	6.67	6.46	6.93	6.84	6.64	6.62	6.35	6.52	6.21	6.01	6.33	6.2	5.9	5.71
4.68	4.48	4.52	4.44	4.47	5.09	6.36	6.42	6.56	6.63	6.79	6.78	6.9	6.96	6.94	6.92	6.82	6.81	6.77	6.64	6.69	6.65	6.46	6.2
5.24	5.02	5.05	4.94	4.88	5.61	6.31	6.34	6.39	6.45	6.59	6.61	6.79	6.93	6.93	6.96	6.93	6.94	6.91	6.84	6.87	6.86	6.8	6.74
6.09	6.02	5.97	5.85	5.78	6.12	6.39	6.4	6.42	6.49	6.57	6.57	6.72	6.86	6.84	6.9	6.87	6.87	6.86	6.81	6.86	6.83	6.77	6.71
5.68	5.35	5.34	5.27	5.19	6.06	6.77	6.5	6.46	6.49	6.62	6.49	6.81	6.85	6.74	6.76	6.6	6.65	6.46	6.31	6.61	6.48	6.26	6.13
2.98	2.85	2.86	2.83	3.19	3.62	4.57	4.77	5.42	5.6	5.71	5.66	5.86	5.87	5.9	5.83	5.71	5.83	5.75	5.54	5.61	5.47	5.14	4.84
3.41	3.3	3.27	3.25	3.41	3.79	4.93	4.93	5.16	5.18	5.24	5.23	5.5	5.53	5.47	5.37	5.16	5.31	5.05	4.82	4.92	4.79	4.51	4.28
6.26	6.18	6.13	6.04	5.9	6.16	6.45	6.41	6.42	6.49	6.49	6.45	6.53	6.62	6.61	6.67	6.63	6.63	6.65	6.63	6.64	6.65	6.61	6.64
5.93	5.66	5.78	5.62	5.47	6.11	6.24	6.1	6.1	6.17	6.24	6.21	6.42	6.48	6.43	6.47	6.38	6.38	6.33	6.25	6.4	6.39	6.27	6.23
5.71	5.47	5.45	5.35	5.29	5.95	6.45	6.43	6.48	6.55	6.66	6.66	6.82	6.97	6.95	6.99	6.94	6.94	6.89	6.82	6.86	6.83	6.77	6.69
5.66	5.39	5.46	5.39	5.29	6.08	6.4	6.04	5.99	6.04	6.13	6	6.39	6.41	6.26	6.27	6.02	6.1	5.9	5.79	6.25	6.03	5.86	5.83
5.64	5.43	5.47	5.4	5.37	5.91	6.35	6.35	6.38	6.45	6.56	6.58	6.75	6.9	6.9	6.95	6.93	6.93	6.91	6.85	6.89	6.87	6.81	6.76
5.41	5.11	5.04	4.94	4.9	5.74	6.74	6.66	6.64	6.66	6.82	6.74	6.88	7.01	6.98	6.99	6.91	6.9	6.82	6.69	6.75	6.74	6.63	6.46
6.21	6.13	6.11	6.07	5.99	6.24	6.37	6.34	6.35	6.42	6.46	6.45	6.58	6.7	6.68	6.73	6.68	6.69	6.67	6.63	6.68	6.67	6.6	6.56
4.07	3.94	4.01	3.95	4.11	4.6	5.66	5.96	6.27	6.34	6.58	6.51	6.66	6.69	6.66	6.61	6.48	6.51	6.48	6.33	6.4	6.3	6.07	5.8
4.57	4.38	4.4	4.37	4.36	4.93	5.9	5.66	5.74	5.74	5.88	5.79	6.14	6.13	5.91	5.84	5.53	5.75	5.43	5.2	5.45	5.29	5.04	4.89
4.33	4.23	4.27	4.23	4.25	4.65	5.45	5.41	5.52	5.51	5.58	5.57	5.73	5.73	5.66	5.6	5.41	5.58	5.34	5.08	5.29	5.11	4.94	4.82
3.98	3.85	3.92	3.9	3.89	4.34	5.29	5.25	5.3	5.32	5.51	5.47	5.78	5.91	5.67	5.61	5.24	5.43	5.09	4.8	4.95	4.8	4.55	4.41
2.03	1.81	1.83	1.84	1.72	2.35	2.96	2.8	2.74	2.72	3.22	2.96	3.1	3.19	2.91	2.94	2.79	2.87	2.58	2.41	2.65	2.39	2.12	1.95
2.08	2	2.04	1.99	1.94	2.31	2.38	2.19	2.22	2.21	2.46	2.26	2.33	2.32	2.23	2.23	2.23	2.24	2.16	2.12	2.28	1.96	1.78	1.75
2.99	2.93	2.93	2.91	2.96	3.37	4.36	4.3	4.51	4.43	4.46	4.42	4.79	4.9	4.81	4.73	4.39	4.62	4.26	3.97	4.05	3.91	3.65	3.46
2.38	2.38	2.36	2.32	2.31	2.77	3.65	3.52	3.66	3.55	3.68	3.56	3.91	4.15	3.9	3.91	3.5	3.74	3.35	3.06	3.17	3.02	2.74	2.56
2.57	2.56	2.53	2.49	2.51	2.93	3.76	3.61	3.83	3.69	3.74	3.67	4.02	4.19	4.04	4	3.63	3.88	3.52	3.25	3.34	3.2	2.94	2.77
1.51	1.5	1.46	1.44	1.43	1.57	1.61	1.53	1.52	1.51	1.51	1.51	1.59	1.61	1.58	1.57	1.55	1.6	1.51	1.46	1.58	1.49	1.35	1.28
1.59	1.54	1.52	1.49	1.5	1.67	1.69	1.6	1.59	1.57	1.59	1.59	1.68	1.69	1.65	1.63	1.62	1.66	1.57	1.52	1.67	1.56	1.4	1.31
2.8	2.71	2.81	2.82	3.07	3.5	4.45	4.42	4.8															

Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
6.46	6.33	6.15	6.41	6.26	6.14	6.08	6.02	4.89	5.96	6.00	6.97	0.693	2.08
5.92	5.81	5.71	6.28	5.96	5.78	5.75	5.76	5.05	5.84	5.75	7.00	0.591	1.95
5.75	5.71	5.67	6.24	5.79	5.68	5.71	5.76	5.12	5.82	5.71	6.96	0.419	1.84
6.28	6.11	5.93	6.36	6.16	5.99	5.93	5.87	4.72	5.85	5.85	7.00	0.774	2.28
6.7	6.62	6.54	6.6	6.55	6.5	6.45	6.41	4.08	5.72	5.92	6.96	1.011	2.88
5.43	5.29	5.21	5.78	5.5	5.36	5.32	5.32	4.62	5.39	5.25	6.63	0.613	2.01
5.8	5.56	5.37	6.06	5.83	5.62	5.51	5.44	4.31	5.44	5.33	6.97	0.932	2.66
5.98	5.75	5.55	6.18	5.96	5.75	5.65	5.58	4.39	5.57	5.49	7.01	0.922	2.62
5.58	5.36	5.18	5.88	5.65	5.44	5.35	5.28	4.23	5.30	5.16	6.88	0.884	2.65
5.96	5.68	5.42	6.2	5.97	5.73	5.58	5.46	4.01	5.33	5.22	6.94	1.103	2.93
5.62	5.39	5.16	5.93	5.69	5.46	5.35	5.25	4.06	5.21	5.06	6.84	0.990	2.78
5.34	5.14	4.91	5.63	5.39	5.18	5.1	5.01	3.93	4.98	4.81	6.54	0.924	2.61
5.14	4.98	4.82	5.41	5.18	5.03	5	4.94	4.08	4.95	4.79	6.32	0.741	2.24
5.75	5.83	5.91	6.14	5.63	5.73	5.84	5.93	5.29	5.89	5.92	6.33	0.254	1.04
5.72	5.8	5.89	6.14	5.6	5.71	5.82	5.91	5.28	5.86	5.89	6.44	0.260	1.16
5.69	5.79	5.96	5.88	5.49	5.68	5.84	5.89	5.26	5.80	5.79	6.34	0.295	1.08
5.6	5.68	5.81	5.86	5.45	5.6	5.72	5.78	5.19	5.71	5.72	6.18	0.241	0.99
5.62	5.61	5.63	6.09	5.61	5.59	5.64	5.7	5.09	5.73	5.63	6.73	0.337	1.64
5.44	5.41	5.43	5.82	5.43	5.42	5.46	5.5	4.93	5.52	5.43	6.41	0.342	1.48
5.76	5.63	5.55	6.13	5.81	5.64	5.61	5.62	4.92	5.70	5.59	6.93	0.607	2.01
6	5.92	5.82	6.34	6.03	5.86	5.84	5.86	5.16	5.94	5.85	6.88	0.500	1.72
5.78	5.62	5.51	6.09	5.82	5.64	5.59	5.58	4.76	5.65	5.55	6.91	0.687	2.15
5.45	5.58	5.71	5.69	5.29	5.45	5.59	5.66	5.08	5.59	5.59	6.12	0.290	1.04
4.38	4.51	4.4	5.08	4.61	4.44	4.47	4.56	4.15	4.70	4.57	5.71	0.346	1.56
5.27	5.38	5.44	5.73	5.22	5.31	5.42	5.52	4.98	5.50	5.51	5.91	0.263	0.93
4.3	4.4	4.3	5.05	4.61	4.43	4.46	4.56	4.16	4.73	4.61	5.73	0.366	1.57
5.72	5.83	6.05	5.77	5.45	5.71	5.89	5.93	5.14	5.80	5.78	6.51	0.371	1.37
4.36	4.36	4.35	5.15	4.71	4.79	4.9	4.94	4.35	5.03	5.11	5.72	0.352	1.37
5.38	5.47	5.6	5.8	5.33	5.46	5.59	5.66	5.12	5.64	5.65	6.20	0.279	1.08
4.6	4.6	4.6	5.47	5	4.88	4.98	5.05	4.57	5.20	5.22	6.46	0.393	1.89
5.67	5.48	5.35	5.98	5.72	5.54	5.47	5.44	4.56	5.50	5.40	6.93	0.755	2.37
6.06	5.78	5.51	6.25	6.04	5.81	5.66	5.53	4.04	5.39	5.30	6.96	1.106	2.92
6.71	6.63	6.56	6.61	6.55	6.5	6.46	6.42	4.18	5.79	5.96	6.96	0.946	2.78
6.69	6.64	6.58	6.58	6.53	6.5	6.49	6.47	5.70	6.39	6.39	6.90	0.328	1.20
6.09	6.01	5.89	6.34	6.09	5.93	5.9	5.9	5.19	5.97	5.90	6.85	0.498	1.66
4.72	4.47	4.18	4.69	4.5	4.28	4.2	4.05	2.59	4.04	3.84	5.90	1.230	3.31
4.27	4.11	3.88	4.25	4.18	4.05	4.06	3.99	3.25	4.15	3.90	5.53	0.746	2.28
6.71	6.75	6.81	6.81	6.74	6.71	6.72	6.74	5.90	6.63	6.65	7.13	0.267	1.23
6.28	6.39	6.41	6.52	6.44	6.35	6.33	6.35	5.47	6.29	6.35	6.60	0.239	1.13
6.64	6.57	6.49	6.51	6.46	6.41	6.37	6.33	4.87	6.05	6.14	6.99	0.679	2.12
5.84	5.87	5.87	6.2	5.83	5.79	5.85	5.92	5.29	5.96	6.00	6.41	0.233	1.12
6.73	6.67	6.6	6.6	6.55	6.51	6.48	6.45	4.91	6.15	6.29	6.95	0.614	2.04
6.35	6.15	5.96	6.36	6.18	6.02	5.94	5.86	4.56	5.79	5.80	7.01	0.849	2.45
6.58	6.61	6.63	6.69	6.65	6.6	6.59	6.58	5.99	6.53	6.59	6.79	0.196	0.80
5.71	5.46	5.19	6.05	5.76	5.49	5.34	5.19	3.61	5.00	4.90	6.69	1.172	3.08
4.87	4.76	4.69	5.23	4.99	4.88	4.87	4.86	4.23	4.95	4.77	6.14	0.568	1.91
4.82	4.72	4.63	4.99	4.82	4.76	4.79	4.76	4.14	4.79	4.66	5.73	0.507	1.59
4.45	4.33	4.2	4.63	4.48	4.38	4.4	4.36	3.85	4.52	4.34	5.91	0.601	2.06
2.01	1.84	1.66	2.18	2.2	2.01	1.96	1.84	1.04	2.05	1.99	3.22	0.617	2.18
1.75	1.68	1.62	1.92	1.79	1.68	1.67	1.63	1.48	1.91	1.95	2.46	0.296	0.98
3.47	3.36	3.16	3.36	3.39	3.31	3.33	3.28	2.91	3.65	3.47	4.90	0.589	1.99
2.6	2.52	2.33	2.49	2.57	2.49	2.51	2.45	2.16	2.80	2.52	4.15	0.569	1.99
2.79	2.72	2.53	2.68	2.76	2.69	2.71	2.66	2.40	2.99	2.77	4.19	0.519	1.79
1.27	1.3	1.27	1.3	1.29	1.25	1.24	1.23	1.19	1.39	1.43	1.61	0.145	0.42
1.32	1.33	1.28	1.38	1.32	1.27	1.26	1.24	1.21	1.44	1.48	1.69	0.167	0.48
3.81	3.66	3.44	3.59	3.54	3.42	3.44	3.36	2.53	3.57	3.39	5.01	0.861	2.48
1.88	1.88	1.82	1.91	1.94	1.84	1.8	1.76	1.38	1.92	1.83	2.62	0.402	1.24
5.45	5.37	5.2	5.51	5.53	5.48	5.43	5.35	2.90	4.40	4.36	5.79	1.156	2.89

D13Rbc_Plan1_89_95ops_weekly

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20
D13Rbc_Plan1_89_95ops																					
3	20457	6.19	6.02	5.89	5.99	5.81	5.65	5.52	5.44	5.39	5.38	5.3	5.2	5.13	5.52	5.63	5.68	5.63	5.78	5.58	5.67
3	20737	5.4	5.31	5.26	5.45	5.24	5.15	5.08	5.07	5.07	5.07	5.01	4.94	4.91	5.13	5.12	5.16	5.04	5.22	5.02	5.05
3	20743	5.1	5.03	5	5.24	5.02	4.93	4.87	4.88	4.88	4.89	4.83	4.77	4.75	4.96	4.94	5.01	4.9	5.09	4.89	4.95
3	20726	5.76	5.62	5.51	5.69	5.48	5.33	5.2	5.14	5.11	5.1	5.03	4.93	4.86	5.19	5.31	5.36	5.3	5.49	5.29	5.38
3	20980	6.38	6.31	6.21	6.19	6.03	5.77	5.56	5.41	5.31	5.25	5.13	4.98	4.85	5.15	5.38	5.43	5.44	5.64	5.5	5.61
3	21277	4.71	4.58	4.56	4.86	4.71	4.58	4.49	4.48	4.48	4.47	4.43	4.34	4.3	4.46	4.51	4.65	4.61	4.9	4.74	4.83
3	21529	4.82	4.68	4.59	4.85	4.72	4.57	4.44	4.4	4.39	4.38	4.33	4.23	4.18	4.33	4.42	4.55	4.58	4.85	4.76	4.84
3	21259	5.07	4.94	4.83	5.08	4.93	4.77	4.63	4.58	4.57	4.56	4.5	4.4	4.34	4.53	4.66	4.76	4.78	5.04	4.92	5.02
3	21891	4.61	4.46	4.39	4.66	4.55	4.41	4.29	4.27	4.26	4.25	4.21	4.12	4.08	4.19	4.25	4.39	4.43	4.69	4.61	4.67
3	21971	4.72	4.6	4.49	4.68	4.56	4.42	4.28	4.22	4.2	4.19	4.13	4.04	3.98	4.1	4.16	4.25	4.33	4.58	4.55	4.62
3	22335	4.53	4.4	4.31	4.53	4.43	4.29	4.17	4.13	4.12	4.11	4.06	3.97	3.93	4.01	4.06	4.18	4.25	4.5	4.46	4.5
3	23325	4.32	4.19	4.1	4.33	4.22	4.09	3.97	3.94	3.93	3.93	3.88	3.8	3.76	3.81	3.84	3.95	4.02	4.24	4.22	4.23
3	23331	4.26	4.13	4.08	4.34	4.24	4.12	4.02	4.01	4	3.99	3.96	3.88	3.85	3.91	3.94	4.08	4.11	4.33	4.27	4.27
3	20297	5.44	5.36	5.31	5.47	5.27	5.2	5.15	5.14	5.14	5.14	5.09	5.03	5	5.19	5.14	5.18	5.03	5.2	4.99	5
3	20477	5.22	5.17	5.15	5.26	5.09	5.06	5.03	5.04	5.04	5.05	4.99	4.96	4.94	5.08	4.98	5.02	4.84	5	4.81	4.8
3	20838	4.61	4.59	4.6	4.68	4.61	4.59	4.58	4.58	4.58	4.58	4.55	4.54	4.54	4.61	4.57	4.64	4.54	4.63	4.55	4.54
3	21017	4.57	4.55	4.56	4.69	4.59	4.56	4.54	4.54	4.54	4.54	4.51	4.48	4.48	4.57	4.54	4.63	4.53	4.67	4.56	4.58
3	20925	4.83	4.78	4.77	5	4.81	4.73	4.68	4.7	4.7	4.7	4.65	4.59	4.58	4.75	4.73	4.84	4.73	4.93	4.75	4.82
3	21105	4.62	4.56	4.57	4.81	4.65	4.57	4.52	4.53	4.52	4.53	4.48	4.42	4.4	4.55	4.54	4.67	4.58	4.8	4.64	4.71
3	21007	5.18	5.09	5.05	5.29	5.08	4.98	4.9	4.91	4.91	4.9	4.85	4.77	4.74	4.95	4.96	5.03	4.94	5.16	4.96	5.03
3	20469	5.47	5.38	5.32	5.5	5.3	5.2	5.13	5.12	5.11	5.11	5.05	4.98	4.95	5.18	5.17	5.21	5.1	5.27	5.06	5.09
3	21094	5.3	5.21	5.15	5.36	5.17	5.06	4.99	4.98	4.98	4.97	4.92	4.84	4.8	5.02	5.03	5.09	4.99	5.19	5	5.05
3	19761	5.31	5.29	5.26	5.26	5.12	5.17	5.18	5.19	5.2	5.21	5.17	5.17	5.15	5.22	4.98	4.96	4.66	4.81	4.6	4.48
3	19766	4.11	4.1	4.1	4.25	4.1	4.02	3.99	4.01	4.04	4.09	4.06	4	4.03	4.31	4.17	4.13	4.09	4.14	3.94	3.89
3	20031	5.14	5.12	5.11	5.17	4.99	5	4.99	5.01	5.02	5.04	5	4.98	4.97	5.1	4.89	4.87	4.65	4.76	4.55	4.46
3	20036	4.02	4.03	4.04	4.25	4.06	3.96	3.92	3.94	3.97	4.02	3.99	3.93	3.94	4.18	4.07	4.06	4	4.09	3.89	3.86
3	20390	5.57	5.55	5.5	5.47	5.33	5.42	5.44	5.44	5.45	5.45	5.4	5.41	5.35	5.35	5.08	5.1	4.69	4.92	4.7	4.56
3	20396	4.37	4.43	4.44	4.59	4.28	4.24	4.18	4.2	4.29	4.29	4.25	4.2	4.02	4.1	3.96	4	3.86	4.08	3.89	3.94
3	20931	4.4	4.42	4.46	4.62	4.51	4.46	4.43	4.44	4.45	4.47	4.43	4.4	4.39	4.47	4.42	4.54	4.41	4.58	4.46	4.47
3	20936	4.07	4.17	4.25	4.59	4.34	4.21	4.14	4.17	4.21	4.24	4.19	4.11	4.05	4.15	4.1	4.26	4.1	4.38	4.18	4.22
3	21271	4.91	4.77	4.71	5	4.84	4.7	4.59	4.57	4.57	4.56	4.5	4.41	4.36	4.54	4.62	4.75	4.73	5	4.86	4.95
3	21791	4.81	4.69	4.58	4.76	4.64	4.5	4.36	4.29	4.26	4.25	4.19	4.1	4.04	4.18	4.25	4.33	4.41	4.66	4.63	4.7
3	20890	6.44	6.38	6.32	6.31	6.24	6.13	5.85	5.72	5.58	5.49	5.37	5.22	5.08	5.38	5.62	5.67	5.68	5.85	5.71	5.84
3	19990	6.91	6.87	6.83	6.84	6.81	6.76	6.72	6.69	6.66	6.65	6.63	6.61	6.6	6.72	6.82	6.83	6.83	6.83	6.8	6.79
3	20378	5.82	5.7	5.6	5.76	5.57	5.44	5.33	5.29	5.27	5.27	5.21	5.12	5.08	5.41	5.43	5.47	5.4	5.53	5.32	5.37
3	24577	3.57	3.51	3.4	3.51	3.39	3.23	3.08	2.97	2.89	2.92	2.86	2.74	2.63	2.64	2.62	2.62	2.74	2.86	2.96	2.94
3	24587	3.77	3.64	3.47	3.64	3.5	3.37	3.38	3.41	3.37	3.37	3.35	3.35	3.36	3.33	3.34	3.42	3.35	3.49	3.48	3.4
3	19177	7.46	7.46	7.45	7.47	7.45	7.43	7.42	7.41	7.41	7.41	7.41	7.4	7.4	7.5	7.52	7.52	7.49	7.53	7.48	7.46
3	19213	7.14	7.13	7.12	7.13	7.1	7.08	7.07	7.07	7.07	7.08	7.07	7.07	7.07	7.16	7.14	7.11	7.11	7.09	7.04	7.03
3	20357	6.61	6.53	6.46	6.44	6.38	6.3	6.21	6.07	5.97	5.92	5.83	5.71	5.62	5.91	6.16	6.2	6.24	6.32	6.26	6.27
3	20206	5.79	5.7	5.63	5.73	5.54	5.47	5.41	5.4	5.39	5.4	5.34	5.29	5.27	5.5	5.42	5.44	5.31	5.43	5.21	5.21
3	20350	6.68	6.63	6.58	6.57	6.52	6.47	6.42	6.37	6.34	6.31	6.28	6.25	6.21	6.31	6.38	6.4	6.41	6.44	6.43	6.44
3	20900	5.69	5.55	5.42	5.61	5.42	5.25	5.1	5.04	5.01	4.99	4.91	4.8	4.73	5.03	5.19	5.25	5.22	5.43	5.25	5.35
3	19274	7.41	7.4	7.39	7.4	7.38	7.36	7.34	7.33	7.32	7.33	7.32	7.32	7.32	7.44	7.46	7.44	7.43	7.42	7.38	7.37
3	23229	4.41	4.33	4.22	4.36	4.25	4.11	3.97	3.9	3.85	3.86	3.81	3.71	3.63	3.67	3.69	3.72	3.84	4.04	4.1	4.12
3	21914	4.06	3.96	3.98	4.33	4.24	4.13	4.04	4.05	4.05	4.04	4.01	3.92	3.89	4	4.02	4.24	4.22	4.51	4.38	4.41
3	23881	4.03	3.97	3.96	4.25	4.15	4.04	3.96	3.97	3.96	3.95	3.93	3.85	3.83	3.91	3.92	4.09	4.08	4.29	4.18	4.18
3	23894	3.6	3.58	3.57	3.91	3.82	3.69	3.58	3.6	3.6	3.58	3.54	3.46	3.44	3.53	3.54	3.8	3.81	4.03	3.93	3.87
3	24628	0.81	0.79	0.81	1.12	1.18	1.26	1.21	1.23	1.24	1.28	1.26	1.17	1.14	1.26	1.22	1.68	1.85	1.95	1.87	1.89
3	24900	1.4	1.43	1.43	1.56	1.51	1.49	1.45	1.47	1.47	1.54	1.52	1.45	1.44	1.62	1.56	1.98	1.98	2.04	1.93	2.02
3	25681	2.82	2.77	2.68	2.88	2.78	2.63	2.54	2.54	2.53	2.54	2.51	2.45	2.46	2.62	2.57	2.75	2.77	2.91	2.88	2.75
3	25694	2.1	2.06	2	2.19	2.09	1.95	1.84	1.83	1.81	1.84	1.82	1.75	1.74	1.96	1.91	2.2	2.25	2.36	2.3	2.16
3	25868	2.33	2.29	2.22	2.4	2.3	2.16	2.06	2.05	2.03	2.05	2.03	1.96	1.96	2.19	2.12	2.34	2.37	2.5	2.45	2.32
3	26704	1.26	1.24	1.23	1.23	1.21	1.2	1.18	1.17	1.17	1.2	1.22	1.18	1.16	1.2	1.22	1.45	1.47	1.44	1.39	1.39
3	26616	1.26	1.26	1.25	1.26	1.23	1.22	1.2	1.19	1.19	1.25	1.24	1.19	1.18	1.24	1.24	1.58	1.53	1.49	1.43	1.5
3	25660	2.82	2.78	2.69	2.85	2.74	2.58	2.46	2.4	2.33	2.35	2.3	2.21	2.17	2.37	2.32	2.34	2.39	2.48	2.52	2.48
3	26763	1.5	1.53	1.49	1.54	1.48	1.42	1.36	1.31	1.28	1.33	1.32	1.26	1.28	1.67	1.52	1.62	1.54	1.71	1.62	1.57
3	23403	4.52	4.45	4.34	4.36	4.23	4.09	3.96	3.85	3.75	3.75	3.68	3.55	3.41	3.41	3.38	3.35	3.42	3.58	3.73	3.63

Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44
5.57	5.29	5.25	5.15	5.1	5.9	6.61	6.4	6.47	6.58	6.73	6.71	6.89	7.03	7	7.05	6.98	6.99	6.92	6.84	6.92	6.89	6.81	6.74
4.92	4.59	4.56	4.45	4.42	5.2	5.64	5.56	5.56	5.56	5.56	5.61	5.69	5.55	5.63	5.55	5.52	5.56	5.52	5.63	5.59	5.51	5.59	5.6
4.79	4.47	4.42	4.42	4.32	5.14	5.87	5.36	5.5	5.49	5.56	5.43	5.8	5.63	5.45	5.46	5.26	5.47	5.21	5.29	5.6	5.31	5.23	5.27
5.28	4.97	4.9	4.82	4.77	5.59	6.57	6.16	6.24	6.36	6.47	6.41	6.71	6.84	6.79	6.85	6.75	6.79	6.66	6.59	6.73	6.66	6.56	6.48
5.58	5.38	5.43	5.32	5.29	5.87	6.48	6.58	6.66	6.75	6.93	6.97	7.15	7.29	7.29	7.32	7.28	7.28	7.25	7.18	7.22	7.21	7.16	7.09
4.7	4.41	4.34	4.3	4.27	4.96	6.19	5.89	5.99	5.99	6.15	5.97	6.39	6.32	6.07	6.04	5.79	6	5.74	5.72	6.01	5.85	5.75	5.75
4.77	4.5	4.45	4.36	4.37	5.02	6.46	6.47	6.58	6.67	6.83	6.71	6.96	7.01	6.91	6.91	6.75	6.82	6.69	6.56	6.76	6.68	6.54	6.47
4.94	4.65	4.59	4.48	4.47	5.19	6.57	6.43	6.52	6.6	6.79	6.67	6.96	6.98	6.91	6.93	6.79	6.85	6.72	6.6	6.79	6.71	6.58	6.51
4.59	4.35	4.32	4.24	4.26	4.85	6.34	6.42	6.55	6.61	6.78	6.65	6.93	6.96	6.83	6.8	6.59	6.71	6.52	6.4	6.63	6.54	6.39	6.35
4.57	4.37	4.4	4.31	4.35	4.92	6.21	6.39	6.58	6.68	6.89	6.81	6.92	6.99	7	7	6.92	6.93	6.9	6.79	6.82	6.83	6.76	6.67
4.44	4.24	4.25	4.17	4.22	4.77	6.14	6.33	6.53	6.6	6.8	6.68	6.84	6.9	6.86	6.85	6.71	6.73	6.67	6.54	6.62	6.61	6.5	6.42
4.17	4	4.02	3.97	4.07	4.55	5.87	6.03	6.3	6.33	6.51	6.39	6.6	6.66	6.61	6.58	6.38	6.45	6.33	6.14	6.32	6.23	6.07	6
4.21	4.03	4.03	4	4.04	4.53	6.11	6.05	6.21	6.22	6.4	6.25	6.58	6.61	6.46	6.39	6.1	6.28	6.04	5.94	6.17	6.05	5.94	5.95
4.87	4.53	4.53	4.47	4.36	5.18	5.57	5.53	5.55	5.56	5.52	5.6	5.66	5.53	5.63	5.53	5.52	5.55	5.53	5.62	5.6	5.52	5.59	5.6
4.66	4.33	4.38	4.33	4.2	5.08	5.64	5.3	5.44	5.44	5.45	5.41	5.67	5.53	5.45	5.42	5.28	5.44	5.25	5.3	5.6	5.31	5.25	5.3
4.42	4.1	4.18	4.12	3.99	4.7	5.19	4.85	4.96	4.93	5	4.87	5.15	5.11	4.91	4.89	4.7	4.88	4.66	4.68	5.08	4.72	4.63	4.62
4.44	4.13	4.18	4.14	4.02	4.73	5.3	4.9	5.02	4.98	5.07	4.91	5.24	5.19	4.97	4.94	4.72	4.93	4.68	4.69	5.09	4.76	4.65	4.64
4.66	4.35	4.3	4.31	4.21	5	5.81	5.2	5.37	5.33	5.45	5.25	5.69	5.56	5.29	5.3	5.04	5.31	4.98	5.02	5.43	5.11	4.97	4.99
4.55	4.27	4.23	4.23	4.15	4.87	5.66	5.14	5.27	5.24	5.37	5.16	5.58	5.51	5.24	5.22	4.92	5.19	4.86	4.86	5.25	5	4.87	4.86
4.88	4.55	4.49	4.46	4.38	5.18	5.9	5.54	5.62	5.62	5.7	5.61	5.9	5.76	5.65	5.62	5.46	5.62	5.42	5.5	5.68	5.5	5.46	5.49
4.96	4.63	4.61	4.55	4.46	5.24	5.67	5.61	5.6	5.61	5.61	5.67	5.74	5.62	5.72	5.64	5.62	5.64	5.62	5.72	5.67	5.6	5.68	5.68
4.91	4.58	4.54	4.49	4.41	5.19	5.8	5.65	5.67	5.68	5.72	5.71	5.87	5.75	5.76	5.7	5.62	5.69	5.6	5.68	5.72	5.62	5.66	5.66
4.34	4	4.21	4.07	3.9	4.96	5.65	5.36	5.53	5.66	5.62	5.63	5.97	5.96	5.8	5.79	5.59	5.74	5.54	5.41	5.9	5.64	5.44	5.43
3.73	3.45	3.6	3.6	3.41	4.28	5.1	4.82	4.99	5.13	5.15	5.03	5.74	5.82	5.37	5.4	4.96	5.21	4.94	4.68	5.39	5.08	4.68	4.45
4.31	3.99	4.13	4.05	3.87	4.87	5.69	5.32	5.53	5.65	5.65	5.58	6.02	6.01	5.81	5.81	5.55	5.72	5.5	5.34	5.88	5.61	5.36	5.28
3.71	3.42	3.53	3.52	3.36	4.22	5.19	4.86	5.05	5.17	5.21	5.02	5.71	5.8	5.36	5.36	4.9	5.18	4.88	4.63	5.29	5.02	4.61	4.35
4.43	4.08	4.3	4.12	3.98	5.12	5.74	5.43	5.57	5.68	5.62	5.66	5.84	5.82	5.75	5.72	5.6	5.73	5.53	5.48	5.85	5.64	5.5	5.57
3.85	3.6	3.65	3.6	3.58	4.4	5.57	5	5.21	5.21	5.27	5.03	5.56	5.58	5.27	5.21	4.79	5.05	4.69	4.36	4.93	4.79	4.37	4.15
4.34	4.01	4.04	4.02	3.9	4.66	5.36	4.94	5.06	5	5.09	4.91	5.25	5.23	4.99	4.93	4.66	4.92	4.64	4.61	5.02	4.72	4.54	4.45
4.1	3.76	3.75	3.75	3.71	4.54	5.81	5.19	5.29	5.23	5.36	5.06	5.57	5.58	5.23	5.13	4.67	5.04	4.66	4.46	4.92	4.78	4.4	4.14
4.84	4.54	4.46	4.39	4.37	5.09	6.44	6.19	6.3	6.33	6.52	6.34	6.79	6.68	6.48	6.47	6.24	6.43	6.17	6.14	6.43	6.27	6.13	6.12
4.66	4.45	4.48	4.37	4.4	5.01	6.3	6.44	6.59	6.69	6.9	6.84	6.94	7.02	7.03	7.04	6.96	6.96	6.94	6.84	6.87	6.87	6.81	6.73
5.77	5.6	5.65	5.54	5.52	5.99	6.53	6.62	6.71	6.79	6.96	7	7.18	7.33	7.32	7.35	7.32	7.32	7.29	7.22	7.25	7.24	7.19	7.13
6.77	6.73	6.74	6.73	6.72	6.91	7.19	7.19	7.22	7.3	7.39	7.39	7.53	7.66	7.64	7.68	7.63	7.62	7.59	7.54	7.58	7.56	7.5	7.44
5.25	4.93	4.91	4.83	4.74	5.58	6.22	5.89	6.03	6.09	6.15	6.12	6.45	6.4	6.39	6.39	6.29	6.38	6.24	6.24	6.41	6.24	6.18	6.15
2.97	2.85	2.86	2.84	3.18	3.62	4.58	4.77	5.38	5.55	5.67	5.62	5.73	5.84	5.88	5.83	5.68	5.82	5.77	5.57	5.64	5.54	5.28	5.01
3.38	3.32	3.4	3.31	3.52	4.05	5.01	4.88	5.26	5.24	5.29	5.37	5.58	5.57	5.56	5.53	5.44	5.61	5.44	5.34	5.47	5.39	5.26	5.19
7.44	7.42	7.32	7.38	7.41	7.65	7.86	7.8	7.83	7.9	7.89	7.86	7.94	8	7.95	8	7.94	7.96	7.98	7.99	8.02	8	7.94	7.9
7	6.95	6.9	6.92	6.89	7.08	7.21	7.19	7.24	7.29	7.29	7.28	7.43	7.5	7.38	7.41	7.31	7.33	7.28	7.23	7.37	7.32	7.23	7.19
6.27	6.12	6.04	5.95	5.9	6.31	6.67	6.72	6.77	6.86	6.99	7	7.17	7.32	7.3	7.34	7.3	7.29	7.24	7.17	7.22	7.2	7.14	7.07
5.05	4.73	4.75	4.68	4.55	5.44	6.01	5.74	5.91	5.96	6.02	6.04	6.28	6.3	6.29	6.27	6.17	6.24	6.12	6.09	6.27	6.14	6.06	6.02
6.44	6.4	6.4	6.38	6.37	6.54	6.86	6.89	6.94	7.03	7.15	7.17	7.34	7.49	7.48	7.52	7.49	7.48	7.45	7.39	7.43	7.41	7.35	7.29
5.27	4.96	4.89	4.79	4.75	5.57	6.63	6.34	6.39	6.5	6.63	6.57	6.83	6.97	6.93	6.98	6.89	6.91	6.83	6.74	6.84	6.81	6.72	6.64
7.36	7.33	7.3	7.3	7.31	7.5	7.64	7.58	7.6	7.66	7.67	7.65	7.77	7.86	7.78	7.81	7.73	7.74	7.71	7.67	7.75	7.72	7.65	7.61
4.09	3.96	4.03	3.96	4.11	4.6	5.67	6	6.34	6.42	6.6	6.54	6.67	6.68	6.69	6.67	6.57	6.61	6.59	6.46	6.5	6.49	6.4	6.26
4.29	4.06	4.02	3.99	3.97	4.54	5.54	5.23	5.26	5.25	5.41	5.23	5.67	5.74	5.43	5.31	4.89	5.15	4.79	4.63	4.95	4.86	4.72	4.62
4.1	3.92	3.92	3.91	3.9	4.36	5.11	4.85	4.93	4.92	5.05	4.89	5.25	5.31	5.08	4.97	4.64	4.86	4.56	4.42	4.72	4.66	4.58	4.54
3.79	3.61	3.64	3.63	3.59	4.08	4.99	4.73	4.73	4.71	4.91	4.78	5.15	5.28	4.96	4.87	4.46	4.69	4.33	4.16	4.42	4.35	4.18	4.1
1.94	1.74	1.75	1.75	1.61	2.25	2.92	2.73	2.65	2.6	3.09	2.82	2.96	3.06	2.75	2.78	2.66	2.75	2.42	2.23	2.49	2.38	2.12	1.9
2.07	1.95	1.96	1.91	1.83	2.29	2.39	2.18	2.21	2.19	2.45	2.26	2.32	2.32	2.21	2.22	2.24	2.25	2.13	2.08	2.25	1.99	1.81	1.76
2.79	2.75	2.78	2.75	2.8	3.25	4.05	3.84	4.04	3.92	3.9	3.89	4.12	4.21	4.1	4.07	3.89	4.1	3.85	3.78	3.89	3.81	3.71	3.66
2.23	2.25	2.26	2.22	2.21	2.68	3.59	3.35	3.47	3.33	3.45	3.33	3.65	3.85	3.58	3.59	3.21	3.5	3.12	2.91	3.12	3.02	2.8	2.71
2.41	2.43	2.42	2.37	2.39	2.83	3.67	3.37	3.59	3.42	3.45	3.39	3.68	3.8	3.64	3.6	3.31	3.6	3.25	3.11	3.29	3.19	3.03	2.96
1.48	1.48	1.43	1.41	1.39	1.55	1.62	1.56	1.57	1.57	1.59	1.6	1.68	1.72	1.7	1.71	1.69	1.72	1.64	1.57	1.67	1.58	1.44	1.36
1.61	1.53	1.5	1.47	1.47	1.66	1.7	1.62	1.61	1.6	1.64	1.64	1.73	1.76	1.71	1.71	1.71	1.75	1.65	1.59	1.72	1.62	1.46	1.37
2.56	2.48	2.49	2.48	2.72	3.19	4.21	4.1	4.58	4.5	4.31	4.31	4											

Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
6.7	6.64	6.57	6.67	6.59	6.55	6.51	6.48	5.10	6.15	6.30	7.05	0.644	1.95
5.6	5.65	5.65	5.54	5.64	5.57	5.59	5.62	4.42	5.31	5.48	5.69	0.335	1.27
5.26	5.26	5.29	5.56	5.34	5.32	5.33	5.33	4.32	5.14	5.22	5.87	0.344	1.55
6.44	6.35	6.28	6.46	6.31	6.27	6.24	6.2	4.77	5.88	5.96	6.85	0.682	2.08
7.06	6.99	6.92	6.99	6.94	6.89	6.86	6.82	4.85	6.29	6.43	7.32	0.809	2.47
5.75	5.71	5.73	6.12	5.87	5.84	5.84	5.82	4.27	5.25	5.34	6.39	0.717	2.12
6.45	6.32	6.23	6.74	6.51	6.41	6.36	6.31	4.18	5.59	5.63	7.01	1.066	2.83
6.47	6.36	6.27	6.7	6.49	6.39	6.35	6.3	4.34	5.68	5.73	6.98	0.977	2.64
6.33	6.22	6.15	6.69	6.45	6.35	6.31	6.26	4.08	5.46	5.50	6.96	1.095	2.88
6.64	6.51	6.31	6.72	6.64	6.55	6.43	6.32	3.98	5.54	5.57	7.00	1.191	3.02
6.35	6.22	6.09	6.6	6.5	6.34	6.23	6.15	3.93	5.40	5.43	6.90	1.163	2.97
5.97	5.86	5.74	6.32	6.12	5.92	5.85	5.77	3.76	5.13	5.15	6.66	1.109	2.90
5.94	5.92	5.88	6.28	6.05	5.93	5.92	5.9	3.85	5.12	5.21	6.61	1.045	2.76
5.61	5.66	5.66	5.54	5.62	5.58	5.62	5.64	4.36	5.32	5.50	5.66	0.336	1.30
5.31	5.33	5.34	5.53	5.3	5.35	5.38	5.38	4.20	5.15	5.25	5.67	0.333	1.47
4.62	4.63	4.63	5	4.76	4.72	4.74	4.76	3.99	4.67	4.63	5.19	0.245	1.20
4.64	4.65	4.65	5.06	4.8	4.76	4.78	4.78	4.02	4.69	4.65	5.30	0.268	1.28
4.99	4.98	5	5.44	5.12	5.09	5.1	5.1	4.21	4.96	4.98	5.81	0.347	1.60
4.87	4.86	4.88	5.34	5.05	5.02	5.02	5.01	4.15	4.83	4.86	5.66	0.362	1.51
5.48	5.49	5.51	5.67	5.55	5.52	5.52	5.52	4.38	5.25	5.36	5.90	0.389	1.52
5.67	5.72	5.72	5.6	5.7	5.63	5.65	5.68	4.46	5.37	5.55	5.74	0.346	1.28
5.66	5.68	5.69	5.69	5.71	5.64	5.66	5.67	4.41	5.33	5.48	5.87	0.403	1.46
5.47	5.5	5.45	5.76	5.32	5.5	5.55	5.55	3.90	5.24	5.32	5.97	0.498	2.07
4.42	4.53	4.35	5.05	4.69	4.47	4.5	4.56	3.41	4.46	4.33	5.82	0.583	2.41
5.3	5.33	5.26	5.71	5.29	5.32	5.4	5.42	3.87	5.16	5.22	6.02	0.508	2.15
4.28	4.36	4.22	4.96	4.61	4.38	4.43	4.5	3.36	4.41	4.24	5.80	0.602	2.44
5.61	5.61	5.63	5.78	5.35	5.68	5.71	5.69	3.98	5.35	5.49	5.85	0.478	1.87
4.11	4.23	4.25	4.97	4.34	4.45	4.75	4.84	3.58	4.47	4.35	5.58	0.535	2.00
4.41	4.41	4.41	4.95	4.69	4.58	4.62	4.65	3.90	4.60	4.53	5.36	0.315	1.46
4.04	4.03	4.03	4.9	4.58	4.34	4.48	4.57	3.71	4.49	4.30	5.81	0.518	2.10
6.11	6.04	6.02	6.46	6.18	6.13	6.12	6.09	4.36	5.49	5.56	6.79	0.841	2.43
6.7	6.61	6.43	6.76	6.68	6.6	6.51	6.41	4.04	5.61	5.66	7.04	1.176	3.00
7.1	7.03	6.96	7.02	6.97	6.92	6.88	6.85	5.08	6.41	6.49	7.35	0.717	2.27
7.42	7.37	7.3	7.3	7.26	7.22	7.2	7.18	6.60	7.09	7.05	7.68	0.358	1.08
6.11	6.08	6.05	6.17	6.05	6.03	6.01	5.99	4.74	5.76	5.86	6.45	0.483	1.71
4.94	4.76	4.55	5.08	4.88	4.67	4.6	4.45	2.62	4.14	4.04	5.88	1.210	3.26
5.22	5.03	4.71	4.95	4.65	4.46	4.43	4.32	3.31	4.31	4.19	5.61	0.910	2.30
7.88	7.81	7.71	7.69	7.67	7.65	7.64	7.62	7.32	7.66	7.63	8.02	0.231	0.70
7.2	7.22	7.18	7.29	7.23	7.2	7.21	7.21	6.89	7.17	7.17	7.50	0.134	0.61
7.03	6.97	6.91	6.94	6.9	6.86	6.83	6.8	5.62	6.60	6.64	7.34	0.501	1.72
5.99	5.99	5.96	6.09	5.96	5.95	5.96	5.95	4.55	5.69	5.77	6.30	0.455	1.75
7.27	7.2	7.13	7.14	7.09	7.05	7.03	6.99	6.21	6.83	6.77	7.52	0.442	1.31
6.6	6.51	6.43	6.62	6.5	6.44	6.4	6.35	4.73	5.91	6.02	6.98	0.787	2.25
7.61	7.6	7.56	7.6	7.57	7.55	7.55	7.54	7.30	7.52	7.52	7.86	0.163	0.56
6.15	5.95	5.74	6.37	6.26	6.02	5.88	5.73	3.63	5.17	5.14	6.69	1.198	3.06
4.64	4.58	4.56	5.14	4.95	4.87	4.86	4.83	3.89	4.59	4.55	5.74	0.536	1.85
4.59	4.58	4.55	4.98	4.82	4.75	4.74	4.7	3.83	4.42	4.39	5.31	0.440	1.48
4.17	4.1	4	4.52	4.44	4.34	4.34	4.28	3.44	4.11	4.06	5.28	0.510	1.84
1.91	1.71	1.49	2.03	2.11	1.97	1.96	1.86	0.79	1.92	1.90	3.09	0.645	2.30
1.73	1.65	1.59	1.87	1.77	1.73	1.74	1.68	1.40	1.87	1.89	2.45	0.315	1.05
3.71	3.68	3.46	3.61	3.56	3.42	3.41	3.32	2.45	3.26	3.29	4.21	0.592	1.76
2.8	2.77	2.6	2.75	2.77	2.65	2.64	2.56	1.74	2.60	2.58	3.85	0.614	2.11
3.02	3	2.83	2.96	2.96	2.84	2.84	2.76	1.96	2.76	2.80	3.80	0.562	1.84
1.32	1.34	1.3	1.32	1.3	1.28	1.28	1.27	1.16	1.41	1.39	1.72	0.181	0.56
1.34	1.37	1.32	1.37	1.34	1.31	1.32	1.3	1.18	1.45	1.47	1.76	0.189	0.58
3.93	3.84	3.64	3.73	3.69	3.55	3.55	3.44	2.17	3.37	3.32	4.85	0.925	2.68
1.92	1.91	1.87	1.96	1.98	1.88	1.84	1.81	1.26	1.87	1.86	2.52	0.403	1.26
5.6	5.52	5.42	5.59	5.57	5.5	5.44	5.36	3.35	4.71	4.74	5.94	0.985	2.59

Plan Description	Minimum Weekly Average Groundwater Head for Selected ENP Indicator Cells				
	ENP Model Indicator Cells ¹				
	19990	20378	20890	21271	24577
Base83bc_exist_1995_83ops	6.58	5.58	6.30	4.62	3.49
Base95bc_exist_1995_95ops	6.74	5.53	6.35	4.52	3.49
D13Rbc_C-111_356_noL-67_1995_95ops	7.75	7.19	7.35	6.48	4.07
D13Rbc_plan1_1995_95ops	7.66	6.32	7.20	6.00	4.05
D13Rbc_plan1B_1995_95ops	7.75	7.14	7.35	6.53	4.08
D13Rbc_plan2A_1995_95ops	7.63	6.27	7.22	6.49	4.16
D13Rbc_plan2B_1995_95ops	7.63	6.25	7.22	6.51	4.16
D13Rbc_plan3_1995_95ops	7.79	7.41	7.41	6.52	4.08
D13Rbc_plan6A_1995_95ops	7.73	7.08	7.35	6.67	4.13
D13Rbc_plan6B_1995_95ops	7.72	7.02	7.35	6.77	4.16
D13Rbc_plan8A_1995_95ops	7.74	7.12	7.35	6.79	4.10

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.

Plan Description	Four Week Average Around Minimum Weekly Average Groundwater Head for Selected ENP Indicator Cells				
	ENP Model Indicator Cells ¹				
	19990	20378	20890	21271	24577
Base83bc_exist_1995_83ops	6.92	5.88	6.64	5.00	3.83
Base95bc_exist_1995_95ops	7.09	5.88	6.69	4.89	3.84
D13Rbc_C-111_356_noL-67_1995_95ops	8.09	7.29	7.68	6.70	4.41
D13Rbc_plan1_1995_95ops	8.00	6.82	7.53	6.28	4.43
D13Rbc_plan1B_1995_95ops	8.09	7.26	7.69	6.75	4.41
D13Rbc_plan2A_1995_95ops	7.97	6.76	7.55	6.70	4.49
D13Rbc_plan2B_1995_95ops	7.97	6.73	7.55	6.71	4.49
D13Rbc_plan3_1995_95ops	8.13	7.75	7.74	6.73	4.41
D13Rbc_plan6A_1995_95ops	8.07	7.19	7.69	6.88	4.46
D13Rbc_plan6B_1995_95ops	8.06	7.13	7.68	6.95	4.49
D13Rbc_plan8A_1995_95ops	8.08	7.23	7.68	7.10	4.43

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.

Plan Description	Week of Minimum Weekly Average Groundwater Head for Selected ENP Indicator Cells				
	ENP Model Indicator Cells ¹				
	19990	20378	20890	21271	24577
Base83bc_exist_1995_83ops	20	16	20	16	17
Base95bc_exist_1995_95ops	20	17	20	16	17
D13Rbc_C-111_356_noL-67_1995_95ops	20	17	20	16	17
D13Rbc_plan1_1995_95ops	20	20	20	16	17
D13Rbc_plan1B_1995_95ops	20	17	20	16	17
D13Rbc_plan2A_1995_95ops	20	20	20	16	17
D13Rbc_plan2B_1995_95ops	20	20	20	16	17
D13Rbc_plan3_1995_95ops	20	20	20	16	17
D13Rbc_plan6A_1995_95ops	20	17	20	16	17
D13Rbc_plan6B_1995_95ops	20	17	20	16	17
D13Rbc_plan8A_1995_95ops	20	17	20	17	17

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.

Plan Description	Maximum Weekly Average Groundwater Head for Selected ENP Indicator Cells				
	ENP Model Indicator Cells ¹				
	19990	20378	20890	21271	24577
Base83bc_exist_1995_83ops	8.65	8.14	8.35	7.90	6.94
Base95bc_exist_1995_95ops	8.89	8.40	8.46	7.85	6.91
D13Rbc_C-111_356_noL-67_1995_95ops	9.37	8.84	8.95	8.31	7.02
D13Rbc_plan1_1995_95ops	9.25	8.39	8.80	8.01	7.01
D13Rbc_plan1B_1995_95ops	9.38	8.89	8.95	8.31	7.02
D13Rbc_plan2A_1995_95ops	9.26	8.34	8.83	8.29	7.03
D13Rbc_plan2B_1995_95ops	9.23	8.13	8.82	8.36	7.03
D13Rbc_plan3_1995_95ops	9.45	9.11	9.01	8.35	7.02
D13Rbc_plan6A_1995_95ops	9.35	8.69	8.96	8.47	7.03
D13Rbc_plan6B_1995_95ops	9.36	8.63	8.97	8.77	7.04
D13Rbc_plan8A_1995_95ops	9.38	8.82	8.96	8.58	7.02

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.

Plan Description	Four Week Average Around Maximum Weekly Average Groundwater Head for Selected ENP Indicator Cells				
	ENP Model Indicator Cells ¹				
	19990	20378	20890	21271	24577
Base83bc_exist_1995_83ops	8.59	8.00	8.23	7.62	6.67
Base95bc_exist_1995_95ops	8.78	8.25	8.34	7.56	6.64
D13Rbc_C-111_356_noL-67_1995_95ops	9.27	8.54	8.67	8.03	6.75
D13Rbc_plan1_1995_95ops	9.15	8.08	8.52	7.74	6.74
D13Rbc_plan1B_1995_95ops	9.28	8.58	8.67	8.03	6.75
D13Rbc_plan2A_1995_95ops	9.16	8.03	8.55	8.04	6.76
D13Rbc_plan2B_1995_95ops	9.13	7.83	8.54	8.10	6.76
D13Rbc_plan3_1995_95ops	9.35	8.81	8.73	8.07	6.75
D13Rbc_plan6A_1995_95ops	9.25	8.38	8.68	8.20	6.76
D13Rbc_plan6B_1995_95ops	9.26	8.33	8.70	8.40	6.77
D13Rbc_plan8A_1995_95ops	9.28	8.52	8.68	8.33	6.75

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.

Plan Description	Week of Maximum Weekly Average Groundwater Head for Selected ENP Indicator Cells				
	ENP Model Indicator Cells ¹				
	19990	20378	20890	21271	24577
Base83bc_exist_1995_83ops	43	43	43	26	26
Base95bc_exist_1995_95ops	43	43	43	26	26
D13Rbc_C-111_356_noL-67_1995_95ops	43	26	26	26	26
D13Rbc_plan1_1995_95ops	43	26	26	26	26
D13Rbc_plan1B_1995_95ops	43	26	26	26	26
D13Rbc_plan2A_1995_95ops	43	26	26	26	26
D13Rbc_plan2B_1995_95ops	43	26	26	26	26
D13Rbc_plan3_1995_95ops	43	26	26	26	26
D13Rbc_plan6A_1995_95ops	43	26	26	26	26
D13Rbc_plan6B_1995_95ops	43	26	26	26	26
D13Rbc_plan8A_1995_95ops	43	26	26	26	26

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.

Plan Description	Maximum Weekly Average Groundwater Head for Selected ENP Indicator Cells				
	ENP Model Indicator Cells ¹				
	19990	20378	20890	21271	24577
Base83bc_exist_1989_83ops	6.90	6.85	6.96	6.93	5.81
Base95bc_exist_1989_95ops	6.94	6.66	6.83	6.57	5.86
D13Rbc_C-111_356_noL-67_1989_95ops	7.70	7.07	7.41	7.02	5.88
D13Rbc_plan1_1989_95ops	7.68	6.45	7.35	6.79	5.88
D13Rbc_plan1B_1989_95ops ²	--	--	--	--	--
D13Rbc_plan2A_1989_95ops ²	--	--	--	--	--
D13Rbc_plan2B_1989_95ops	7.69	6.47	7.41	7.02	5.89
D13Rbc_plan3_1989_95ops	7.69	7.31	7.39	7.03	5.88
D13Rbc_plan6A_1989_95ops ²	--	--	--	--	--
D13Rbc_plan6B_1989_95ops	7.67	7.04	7.42	7.03	5.90
D13Rbc_plan8A_1989_95ops	7.69	7.03	7.40	7.28	5.89

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.
2. Plan was not run with 1989 precipitation.

Plan Description	Four Week Average Around Maximum Weekly Average Groundwater Head for Selected ENP Indicator Cells				
	ENP Model Indicator Cells ¹				
	19990	20378	20890	21271	24577
Base83bc_exist_1989_83ops	6.87	6.73	6.94	6.71	5.75
Base95bc_exist_1989_95ops	6.91	6.48	6.80	6.28	5.79
D13Rbc_C-111_356_noL-67_1989_95ops	7.67	7.03	7.39	6.84	5.81
D13Rbc_plan1_1989_95ops	7.63	6.30	7.33	6.56	5.79
D13Rbc_plan1B_1989_95ops ²	--	--	--	--	--
D13Rbc_plan2A_1989_95ops ²	--	--	--	--	--
D13Rbc_plan2B_1989_95ops	7.66	6.33	7.38	6.87	5.81
D13Rbc_plan3_1989_95ops	7.66	7.28	7.37	6.84	5.79
D13Rbc_plan6A_1989_95ops ²	--	--	--	--	--
D13Rbc_plan6B_1989_95ops	7.67	6.97	7.39	6.86	5.82
D13Rbc_plan8A_1989_95ops	7.65	6.96	7.38	7.05	5.81

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.
2. Plan was not run with 1989 precipitation.

Plan Description	Week of Maximum Weekly Average Groundwater Head for Selected ENP Indicator Cells				
	ENP Model Indicator Cells ¹				
	19990	20378	20890	21271	24577
Base83bc_exist_1989_83ops	36	34	36	33	35
Base95bc_exist_1989_95ops	41	34	36	34	35
D13Rbc_C-111_356_noL-67_1989_95ops	36	36	36	33	35
D13Rbc_plan1_1989_95ops	36	33	36	33	35
D13Rbc_plan1B_1989_95ops ²	--	--	--	--	--
D13Rbc_plan2A_1989_95ops ²	--	--	--	--	--
D13Rbc_plan2B_1989_95ops	36	33	36	33	35
D13Rbc_plan3_1989_95ops	36	36	36,38	33	35
D13Rbc_plan6A_1989_95ops ²	--	--	--	--	--
D13Rbc_plan6B_1989_95ops	36	34,36	36	33	35
D13Rbc_plan8A_1989_95ops	36	34,36	36	34	35

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.
2. Plan was not run with 1989 precipitation.

Plan Description	Minimum Weekly Average Groundwater Head for Selected ENP Indicator Cells				
	ENP Model Indicator Cells ¹				
	19990	20378	20890	21271	24577
Base83bc_exist_1989_83ops	5.70	5.19	4.18	4.56	2.46
Base95bc_exist_1989_95ops	5.44	3.81	3.68	3.45	2.34
D13Rbc_C-111_356_noL-67_1989_95ops	6.60	4.90	5.02	4.21	2.60
D13Rbc_plan1_1989_95ops	6.60	4.74	5.08	4.36	2.62
D13Rbc_plan1B_1989_95ops ²	--	--	--	--	--
D13Rbc_plan2A_1989_95ops ²	--	--	--	--	--
D13Rbc_plan2B_1989_95ops	6.60	5.07	5.40	5.35	2.65
D13Rbc_plan3_1989_95ops	6.64	5.59	5.08	4.25	2.60
D13Rbc_plan6A_1989_95ops ²	--	--	--	--	--
D13Rbc_plan6B_1989_95ops	6.60	4.88	5.02	4.22	2.61
D13Rbc_plan8A_1989_95ops	6.56	4.83	4.98	4.17	2.62

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.
2. Plan was not run with 1989 precipitation.

Plan Description	Four Week Average Around Minimum Weekly Average Groundwater Head for Selected ENP Indicator Cells				
	ENP Model Indicator Cells ¹				
	19990	20378	20890	21271	24577
Base83bc_exist_1989_83ops	5.94	5.73	4.46	4.69	2.49
Base95bc_exist_1989_95ops	5.72	3.93	3.95	3.56	2.38
D13Rbc_C-111_356_noL-67_1989_95ops	6.68	5.46	5.27	4.34	2.63
D13Rbc_plan1_1989_95ops	6.68	5.26	5.33	4.49	2.70
D13Rbc_plan1B_1989_95ops ²	--	--	--	--	--
D13Rbc_plan2A_1989_95ops ²	--	--	--	--	--
D13Rbc_plan2B_1989_95ops	6.68	5.51	5.63	5.45	2.68
D13Rbc_plan3_1989_95ops	6.72	5.78	5.34	4.38	2.63
D13Rbc_plan6A_1989_95ops ²	--	--	--	--	--
D13Rbc_plan6B_1989_95ops	6.68	5.44	5.27	4.35	2.64
D13Rbc_plan8A_1989_95ops	6.64	5.40	5.24	4.30	2.69

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.
2. Plan was not run with 1989 precipitation.

Plan Description	Week of Minimum Weekly Average Groundwater Head for Selected ENP Indicator Cells				
	ENP Model Indicator Cells ¹				
	19990	20378	20890	21271	24577
Base83bc_exist_1989_83ops	13	25	13	13	15
Base95bc_exist_1989_95ops	13	25	13	13	15
D13Rbc_C-111_356_noL-67_1989_95ops	13	25	13	13	15
D13Rbc_plan1_1989_95ops	13	25	13	13	16
D13Rbc_plan1B_1989_95ops ²	--	--	--	--	--
D13Rbc_plan2A_1989_95ops ²	--	--	--	--	--
D13Rbc_plan2B_1989_95ops	13	25	13	13	15
D13Rbc_plan3_1989_95ops	13	13	13	13	15,16
D13Rbc_plan6A_1989_95ops ²	--	--	--	--	--
D13Rbc_plan6B_1989_95ops	13	25	13	13	15,16
D13Rbc_plan8A_1989_95ops	13	25	13	13	15,16

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.
2. Plan was not run with 1989 precipitation.

Proposed Plan 1995 Precipitation with 1995 Operations DRAFT - 3/29/2000	Notes	Average Annual Depth NESRS [ft]	Average Annual Storage NESRS [acre-ft]
No Plan - Base 1983	1	1.56	97,698
No Plan - Base 1995		1.75	109,568
Future Without Project with Authorized Plan # 1 in Place		2.37	148,311
Future With Project Potential LPAs			
Plan # 2B		2.33	145,423
Plan # 3		2.59	162,058
Plan # 4	2	2.51	157,142
Plan # 5	2	2.51	157,142
Plan # 6B		2.48	154,895
Plan # 7	2	2.51	157,142
Plan # 8A		2.51	156,790
Plan # 9	3	2.350	146,867

Area of Model Grid = 913,905 Ac

Area of NESRS = 63,000 Ac

¹ All plans reflect 1995 Precipitation,
1995 Operations except Base 83

² All use same model run

³ Average of Alt 1 and Alt 2B

Proposed Plan 1995 Precipitation with 1995 Operations DRAFT - 3/29/2000	Notes	Average Annual Depth NESRS [ft]	Average Annual Storage NESRS [acre-ft]
No Plan - Base 1983	1	1.56	97,698
No Plan - Base 1995		1.75	109,568
Future Without Project with Authorized Plan # 1 in Place		2.37	148,311
Future With Project Potential LPAs		Resource Lost or Gained Compared to Plan 1	
Plan # 2B		-0.04	-2,888
Plan # 3		0.22	13,747
Plan # 4	2	0.14	8,831
Plan # 5	2	0.14	8,831
Plan # 6B		0.11	6,584
Plan # 7	2	0.14	8,831
Plan # 8A		0.14	8,479
Plan # 9	3	-0.02	-1,444

Area of Model Grid = 913,905 Ac

¹ All plans reflect 1995 Precipitation,
1995 Operations except Base 83

² All use same model run

³ Average of Alt 1 and Alt 2B

Proposed Plan 1989 Precipitation with 1995 Operations DRAFT - 3/29/2000	Notes	NESRS Average Annual Depth [ft]	NESRS Average Annual Storage [acre-ft]
No Plan - Base 1983	1	0.36	22,495
No Plan - Base 1995		0.38	23,904
Future Without Project with Authorized Plan # 1 in Place		0.92	57,614
Future With Project Potential LPAs			
Plan # 2B		0.93	58,328
Plan # 3		0.97	60,949
Plan # 4	2	0.95	59,158
Plan # 5	2	0.95	59,158
Plan # 6B		0.95	59,142
Plan # 7	2	0.95	59,158
Plan # 8A		0.93	58,099
Plan # 9	3	0.925	57,971

Area of Model Grid = 913,905 Ac

Area of NESRS = 63,000 Ac

¹ All plans reflect 1989 Precipitation,
1995 Operations except Base 83

² All use same model run

³ Average of Alt 1 and Alt 2B

⁴ This plan was not run for dry year

Proposed Plan 1989 Precipitation with 1995 Operations DRAFT - 3/29/2000	Notes	NESRS Average Annual Depth [ft]	NESRS Average Annual Storage [acre-ft]
No Plan - Base 1983	1	0.36	22,495
No Plan - Base 1995		0.38	23,904
Future Without Project with Authorized Plan # 1 in Place		0.92	57,614
Future With Project Potential LPAs		Resource Lost or Gained Compared to Plan 1	
Plan # 2B		0.01	715
Plan # 3		0.05	3,335
Plan # 4	2	0.03	1,544
Plan # 5	2	0.03	1,544
Plan # 6B		0.03	1,529
Plan # 7	2	0.03	1,544
Plan # 8A		0.01	485
Plan # 9	3	0.005	357

Area of Model Grid = 913,905 Ac

¹ All plans reflect 1995 Precipitation,
1995 Operations except Base 83

² All use same model run

³ Average of Alt 1 and Alt 2B

⁴ This plan was not run for dry year

Wetland Acreage within NESRS**											
WETLAND TYPES	Base83	Base95	Plan 1	Plan 2B	Plan 3	Plan 4	Plan 5	Plan 6B	Plan 7	Plan 8A	Plan 9
PEAT FORMING: Depth > +2 ft & Hydroperiod > 180 days	42183	37476	53693	53534	57257	54246	54246	54219	54246	53957	53614
PEAT FORMING: -1 < Depth < +2 ft & Hydroperiod > 180 days	15052	6175	6242	7229	1638	4373	4373	4594	4373	4096	6736
MARL FORMING: -1 < Depth < +2 ft & 30 < Hydroperiod < 180 days	1882	3642	1670	1229	0	0	0	158	0	96	1450
TRANSITIONAL	3416	15239	718	0	3636	3913	3913	3561	3913	4383	359
UPLANDS	0	0	208	540	0	0	0	0	0	0	374

** Does NOT include 8.5 SMA.

Wetland Acreage within NESRS Compared to Base 83**										
WETLAND TYPES	Base83	Plan 1	Plan 2B	Plan 3	Plan 4	Plan 5	Plan 6B	Plan 7	Plan 8A	Plan 9
PEAT FORMING: Depth > +2 ft & Hydroperiod > 180 days	0	11510	11351	15074	12063	12063	12036	12063	11774	11430.5
PEAT FORMING: -1 < Depth < +2 ft & Hydroperiod > 180 days	0	-8810	-7823	-13414	-10679	-10679	-10458	-10679	-10956	-8316.5
MARL FORMING: -1 < Depth < +2 ft & 30 < Hydroperiod < 180 days	0	-212	-653	-1882	-1882	-1882	-1724	-1882	-1786	-432.5
TRANSITIONAL	0	-2698	-3416	220	497	497	145	497	967	-3057
UPLANDS	0	208	540	0	0	0	0	0	0	374

** Does NOT include 8.5 SMA.

Wetland Acreage within NESRS Compared to Base 95**											
WETLAND TYPES	Base95	Plan 1	Plan 2B	Plan 3	Plan 4	Plan 5	Plan 6B	Plan 7	Plan 8A	Plan 9	
PEAT FORMING: Depth > +2 ft & Hydroperiod > 180 days	0	16217	16058	19781	16770	16770	16743	16770	16481	16137.5	
PEAT FORMING: -1 < Depth < +2 ft & Hydroperiod > 180 days	0	67	1054	-4537	-1802	-1802	-1581	-1802	-2079	560.5	
MARL FORMING: -1 < Depth < +2 ft & 30 < Hydroperiod < 180 days	0	-1972	-2413	-3642	-3642	-3642	-3484	-3642	-3546	-2192.5	
TRANSITIONAL	0	-14521	-15239	-11603	-11326	-11326	-11678	-11326	-10856	-14880	
UPLANDS	0	208	540	0	0	0	0	0	0	374	

** Does NOT include 8.5 SMA.

Wetland Acreage within NESRS Compared to Plan1**											
WETLAND TYPES	Plan 1	Plan 2B	Plan 3	Plan 4	Plan 5	Plan 6B	Plan 7	Plan 8A	Plan 9		
PEAT FORMING: Depth > +2 ft & Hydroperiod > 180 days	0	-159	3564	553	553	526	553	264	-79.5		
PEAT FORMING: -1 < Depth < +2 ft & Hydroperiod > 180 days	0	987	-4604	-1869	-1869	-1648	-1869	-2146	493.5		
MARL FORMING: -1 < Depth < +2 ft & 30 < Hydroperiod < 180 days	0	-441	-1670	-1670	-1670	-1512	-1670	-1574	-220.5		
TRANSITIONAL	0	-718	2918	3195	3195	2843	3195	3665	-359		
UPLANDS	0	332	-208	-208	-208	-208	-208	-208	166		

** Does NOT include 8.5 SMA.

Plan Description	Estimated Number of Consecutive Days Water Surface Elevation is below Ground Surface (Week 10 - Week 30)				
	CSSS Model Indicator Cells ¹				
	21971	21891	22335	23325	23331
Base83bc_exist_1995_83ops	79	79	79	77	79
Base95bc_exist_1995_95ops	79	79	79	77	79
D13Rbc_C-111_356_noL-67_1995_95ops	0	30	24	68	73
D13Rbc_plan1_1995_95ops	20	51	44	74	73
D13Rbc_plan1B_1995_95ops	6	29	21	63	73
D13Rbc_plan2A_1995_95ops	0	0	0	27	34
D13Rbc_plan2B_1995_95ops	0	0	0	27	25
D13Rbc_plan3_1995_95ops	0	27	19	64	72
D13Rbc_plan6A_1995_95ops	0	0	0	34	37
D13Rbc_plan6B_1995_95ops	0	0	0	24	29
D13Rbc_plan8A_1995_95ops	0	11	12	60	48

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.

Plan Description	Estimated Total Number of Days Water Surface Elevation is above Ground Surface				
	CSSS Model Indicator Cells ¹				
	21971	21891	22335	23325	23331
Base83bc_exist_1995_83ops	215	211	215	216	179
Base95bc_exist_1995_95ops	215	201	215	207	150
D13Rbc_C-111_356_noL-67_1995_95ops	365	325	330	278	273
D13Rbc_plan1_1995_95ops	327	300	316	275	256
D13Rbc_plan1B_1995_95ops	358	330	336	301	270
D13Rbc_plan2A_1995_95ops	365	365	365	322	323
D13Rbc_plan2B_1995_95ops	365	365	365	323	334
D13Rbc_plan3_1995_95ops	365	333	340	300	271
D13Rbc_plan6A_1995_95ops	365	365	365	316	319
D13Rbc_plan6B_1995_95ops	365	365	365	326	330
D13Rbc_plan8A_1995_95ops	365	353	349	305	295

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.

Plan Description	Estimated Number of Consecutive Days Water Surface Elevation is below Ground Surface (Week 10 - Week 30)				
	Model Indicator Cells ¹				
	21971	21891	22335	23325	23331
Base83bc_exist_1989_83ops	132	140	137	140	140
Base95bc_exist_1989_95ops	140	140	140	140	140
D13Rbc_C-111_356_noL-67_1989_95ops	131	131	130	130	133
D13Rbc_plan1_1989_95ops	130	139	127	131	140
D13Rbc_plan1B_1989_95ops ²	---	---	---	---	---
D13Rbc_plan2A_1989_95ops ²	---	---	---	---	---
D13Rbc_plan2B_1989_95ops	118	116	118	118	118
D13Rbc_plan3_1989_95ops	132	140	136	140	140
D13Rbc_plan6A_1989_95ops ²	---	---	---	---	---
D13Rbc_plan6B_1989_95ops	127	130	133	128	132
D13Rbc_plan8A_1989_95ops	127	128	126	130	133

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.
2. Plan was not run with 1989 precipitation.

Plan Description	Estimated Total Number of Days Water Surface Elevation is above Ground Surface				
	Model Indicator Cells ¹				
	21971	21891	22335	23325	23331
Base83bc_exist_1989_83ops	94	31	67	60	2
Base95bc_exist_1989_95ops	5	0	23	18	0
D13Rbc_C-111_356_noL-67_1989_95ops	234	76	212	105	52
D13Rbc_plan1_1989_95ops	142	63	126	95	35
D13Rbc_plan1B_1989_95ops ²	---	---	---	---	---
D13Rbc_plan2A_1989_95ops ²	---	---	---	---	---
D13Rbc_plan2B_1989_95ops	176	152	173	142	100
D13Rbc_plan3_1989_95ops	125	53	74	34	0
D13Rbc_plan6A_1989_95ops ²	---	---	---	---	---
D13Rbc_plan6B_1989_95ops	163	104	144	113	60
D13Rbc_plan8A_1989_95ops	167	116	151	114	68

Notes:

1. Indicates cell numbers in layer 3 of MODBRANCH model grid.
2. Plan was not run with 1989 precipitation.

Plan Description	Monthly Volumes (acre-ft) for S-331												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOT
BASE95bc_C-111_1989_95ops	324	261	295	324	320	299	250	330	267	251	326	316	3563
BASE95bc_exist_1989_95ops	302	278	335	322	333	320	127	294	177	218	328	341	3374
BASE95bc_plan1_1989_95ops	333	257	293	321	316	299	151	151	74	204	311	323	3033
BASE95bc_plan2A_1989_95ops	323	268	281	322	315	301	152	159	69	191	303	316	3000
BASE95bc_plan3_1989_95ops	337	261	296	321	329	306	192	219	136	205	306	311	3217
BASE95bc_plan6A_1989_95ops	327	265	294	321	317	301	237	323	241	241	317	307	3490
BASE95bc_plan6_1989_95ops	333	254	283	320	311	301	241	315	210	231	306	313	3417
BASE95bc_plan8A_1989_95ops	337	263	294	321	319	303	241	317	257	266	326	306	3550
D13Rbc_C-111_1989_95ops	315	290	266	230	169	273	340	346	336	338	337	331	3570
D13Rbc_C-111_356_1989_95ops	311	267	284	223	176	259	344	359	341	343	335	337	3579
D13Rbc_plan1_1989_95ops	315	274	268	227	197	271	187	178	93	220	313	310	2852
D13Rbc_plan2B_1989_95ops	312	242	265	223	179	277	203	182	102	180	307	308	2780
D13Rbc_plan3_1989_95ops	293	271	287	203	163	285	255	274	179	234	311	295	3047
D13Rbc_plan6B_1989_95ops	308	283	284	198	166	269	360	343	333	343	329	331	3547
D13Rbc_plan8A_1989_95ops	329	263	281	232	179	268	332	322	322	340	344	319	3530

Plan Description	Monthly Volumes (acre-ft) for S-331												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOT
BASE95bc_C-111_1995_95ops	381	253	241	197	245	197	251	284	275	312	226	232	3093
BASE95bc_exist_1995_7lops	456	173	243	253	261	318	326	325	317	337	313	299	3622
BASE95bc_exist_1995_95ops	398	285	292	287	247	237	264	308	307	322	274	237	3457
BASE95bc_plan1_1995_95ops	402	303	234	179	182	207	255	286	295	329	254	249	3174
D13Rbc_C-111_1995_95ops	376	280	316	297	223	205	241	272	257	278	215	231	3190
D13Rbc_C-111_356_1995_95ops	400	277	308	309	219	199	233	265	246	275	232	244	3207
D13Rbc_exist_1995_7lops	507	299	314	246	301	327	328	335	318	336	320	321	3950
D13Rbc_exist_1995_95ops	384	257	308	308	235	253	281	328	313	331	276	254	3530
D13Rbc_plan1A_1995_95ops	417	299	332	357	252	213	252	288	287	307	247	261	3511
D13Rbc_plan1B_1995_95ops	441	298	319	323	231	202	262	298	291	311	230	255	3460
D13Rbc_plan1_1995_95ops	406	298	327	312	248	215	247	291	275	297	243	260	3416
D13Rbc_plan2A_1995_95ops	307	215	253	278	176	211	232	255	235	277	211	195	2843
D13Rbc_plan2B_1995_95ops	292	207	240	278	175	203	249	274	258	291	223	182	2871
D13Rbc_plan2_1995_95ops	344	263	283	297	208	217	245	253	235	263	217	245	3068
D13Rbc_plan3_1995_95ops	394	285	301	309	225	203	255	273	243	280	227	241	3234
D13Rbc_plan6A_1995_95ops	313	245	283	301	203	215	234	251	243	259	203	193	2942
D13Rbc_plan6B_1995_95ops	309	226	265	288	183	205	257	260	252	276	209	201	2931
D13Rbc_plan6_1995_95ops	335	252	295	308	204	217	224	230	223	251	202	215	2955
D13Rbc_plan8A_1995_95ops	384	275	301	306	223	209	233	269	243	272	212	240	3167
D13Rbc_plan8_1995_95ops	392	263	314	305	231	211	233	277	241	274	219	239	3198

Plan Description	Monthly Volumes (acre-ft) for S-173												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOT
BASE95bc_C-111_1989_95ops	97	173	209	56	39	19	140	112	140	174	122	30	1313
BASE95bc_exist_1989_95ops	163	209	246	157	100	94	154	114	121	168	143	10	1680
BASE95bc_plan1_1989_95ops	104	171	204	69	38	24	154	119	154	193	128	28	1385
BASE95bc_plan2A_1989_95ops	91	171	198	57	42	22	130	98	128	182	127	25	1272
BASE95bc_plan3_1989_95ops	74	163	209	50	30	20	127	104	153	171	98	2	1201
BASE95bc_plan6A_1989_95ops	90	171	195	58	37	20	132	103	133	174	114	11	1238
BASE95bc_plan6_1989_95ops	82	168	197	52	35	20	139	114	132	172	113	13	1237
BASE95bc_plan8A_1989_95ops	86	167	202	55	33	22	135	109	144	176	127	26	1282
D13Rbc_C-111_1989_95ops	225	199	245	214	160	121	120	117	140	177	152	63	1933
D13Rbc_C-111_356_1989_95ops	231	206	241	211	164	130	120	108	140	172	140	46	1910
D13Rbc_plan1_1989_95ops	221	205	244	206	156	137	142	122	158	196	154	60	2001
D13Rbc_plan2B_1989_95ops	241	226	256	229	169	161	108	99	135	159	125	18	1926
D13Rbc_plan3_1989_95ops	241	215	253	224	160	126	133	99	146	166	117	6	1887
D13Rbc_plan6B_1989_95ops	223	202	237	216	159	130	111	112	141	172	144	58	1905
D13Rbc_plan8A_1989_95ops	225	213	242	214	151	130	118	109	141	169	143	68	1924

Plan Description	Monthly Volumes (acre-ft) for S-173												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOT
BASE95bc_C-111_1995_95ops	281	254	281	255	250	230	281	282	273	278	273	273	3210
BASE95bc_exist_1995_7lops	285	270	277	250	299	272	282	282	273	282	273	273	3317
BASE95bc_exist_1995_95ops	282	255	279	244	244	232	278	281	273	280	273	273	3192
BASE95bc_plan1_1995_95ops	282	255	265	215	225	229	280	282	273	281	273	273	3132
D13Rbc_C-111_1995_95ops	275	255	282	273	248	228	279	281	273	277	273	273	3216
D13Rbc_C-111_356_1995_95ops	272	255	282	273	247	225	276	280	273	276	273	273	3203
D13Rbc_exist_1995_7lops	282	255	282	290	280	272	282	282	273	282	273	273	3323
D13Rbc_exist_1995_95ops	264	255	282	273	244	229	275	282	272	278	273	273	3198
D13Rbc_plan1A_1995_95ops	275	255	282	273	248	227	280	281	273	279	273	273	3217
D13Rbc_plan1B_1995_95ops	275	255	282	273	248	224	281	282	273	280	273	273	3216
D13Rbc_plan1_1995_95ops	274	255	282	273	249	227	281	282	273	278	273	273	3218
D13Rbc_plan2A_1995_95ops	264	255	282	273	237	212	269	278	269	274	272	273	3157
D13Rbc_plan2B_1995_95ops	262	255	282	273	235	202	270	275	270	278	271	273	3145
D13Rbc_plan2_1995_95ops	269	255	282	273	245	220	270	280	273	278	273	273	3189
D13Rbc_plan3_1995_95ops	274	255	282	273	246	226	278	281	273	277	273	273	3210
D13Rbc_plan6A_1995_95ops	264	255	282	273	239	216	271	277	272	274	272	273	3166
D13Rbc_plan6B_1995_95ops	264	255	282	273	232	202	268	277	270	273	270	273	3139
D13Rbc_plan6_1995_95ops	264	255	282	273	244	213	270	278	272	275	273	273	3172
D13Rbc_plan8A_1995_95ops	272	255	282	273	247	223	276	279	272	278	273	273	3200
D13Rbc_plan8_1995_95ops	271	255	282	273	247	225	276	281	273	278	273	273	3206

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21
D13Rbc_Plan2B_95_95ops																						
3	20457	7.7	7.7	7.69	7.63	7.58	7.55	7.48	7.43	7.38	7.35	7.33	7.25	7.16	7.1	7.05	6.94	6.89	7.05	6.99	6.86	7.38
3	20737	6.13	6.12	6.1	5.93	5.82	5.7	5.56	5.56	5.54	5.61	5.54	5.51	5.51	5.55	5.51	5.46	5.63	5.68	5.52	5.52	6.38
3	20743	6.34	6.38	6.36	6.15	6.06	5.94	5.8	5.8	5.74	5.82	5.82	5.7	5.62	5.67	5.62	5.47	5.72	6.15	5.79	5.59	6.88
3	20726	7.47	7.46	7.45	7.38	7.32	7.28	7.2	7.15	7.1	7.06	7.05	6.97	6.88	6.83	6.78	6.64	6.63	6.87	6.75	6.6	7.21
3	20980	7.91	7.94	7.96	7.91	7.88	7.86	7.8	7.76	7.72	7.69	7.67	7.59	7.51	7.45	7.39	7.28	7.22	7.32	7.27	7.18	7.68
3	21277	7.16	7.11	7.06	6.91	6.84	6.74	6.65	6.61	6.52	6.54	6.55	6.44	6.36	6.4	6.35	6.16	6.33	6.77	6.49	6.31	7.28
3	21529	7.71	7.67	7.64	7.56	7.5	7.45	7.38	7.33	7.27	7.23	7.23	7.16	7.08	7.04	7.01	6.91	6.85	7.08	7.09	6.98	7.48
3	21259	7.65	7.62	7.59	7.51	7.46	7.4	7.33	7.28	7.23	7.19	7.18	7.11	7.03	6.98	6.94	6.83	6.79	7.03	6.99	6.86	7.4
3	21891	7.75	7.7	7.67	7.58	7.52	7.47	7.4	7.35	7.28	7.24	7.25	7.18	7.11	7.09	7.06	6.94	6.86	7.16	7.17	7.04	7.54
3	21971	7.52	7.5	7.48	7.41	7.37	7.32	7.25	7.2	7.14	7.12	7.11	7.04	6.96	6.9	6.85	6.75	6.7	6.86	6.86	6.76	7.27
3	22335	7.48	7.45	7.42	7.34	7.28	7.22	7.14	7.09	7.03	7	6.99	6.93	6.85	6.79	6.75	6.65	6.58	6.82	6.83	6.69	7.21
3	23325	7.07	7.05	7.03	6.95	6.87	6.78	6.7	6.64	6.57	6.54	6.56	6.48	6.36	6.22	6.12	5.88	5.89	6.29	6.16	5.97	6.78
3	23331	7.14	7.14	7.12	6.99	6.85	6.76	6.69	6.64	6.57	6.55	6.59	6.49	6.35	6.28	6.24	6.03	6.04	6.47	6.37	6.17	6.91
3	20297	6.49	6.49	6.47	6.32	6.2	6.1	5.96	5.95	5.92	5.97	5.95	5.88	5.82	5.81	5.76	5.66	5.79	5.95	5.81	5.7	6.61
3	20477	6.68	6.73	6.71	6.52	6.41	6.3	6.18	6.17	6.12	6.18	6.22	6.08	5.96	5.94	5.9	5.74	5.89	6.3	6.09	5.8	6.99
3	20838	6.92	6.99	6.97	6.81	6.7	6.6	6.5	6.48	6.41	6.45	6.57	6.37	6.17	6.11	6.09	5.87	5.97	6.57	6.4	5.91	7.33
3	21017	6.75	6.82	6.8	6.63	6.53	6.43	6.33	6.32	6.25	6.29	6.4	6.21	6.02	5.98	5.96	5.74	5.88	6.49	6.26	5.82	7.26
3	20925	6.49	6.55	6.53	6.32	6.23	6.12	6	6	5.92	6	6.04	5.89	5.76	5.78	5.74	5.53	5.78	6.38	5.99	5.67	7.06
3	21105	6.34	6.39	6.36	6.18	6.11	6.02	5.92	5.92	5.84	5.91	5.96	5.81	5.67	5.69	5.65	5.45	5.67	6.25	5.92	5.61	7
3	21007	6.29	6.29	6.27	6.08	5.98	5.87	5.73	5.74	5.68	5.76	5.72	5.64	5.6	5.65	5.6	5.48	5.72	6	5.7	5.6	6.73
3	20469	6.33	6.32	6.3	6.14	6.01	5.89	5.75	5.73	5.71	5.76	5.69	5.66	5.64	5.67	5.62	5.56	5.7	5.75	5.61	5.6	6.41
3	21094	6.17	6.15	6.13	5.97	5.85	5.73	5.6	5.6	5.59	5.65	5.58	5.56	5.57	5.61	5.57	5.52	5.67	5.73	5.59	5.59	6.33
3	19761	7.29	7.32	7.28	7.17	7.04	6.94	6.83	6.77	6.73	6.68	6.8	6.68	6.48	6.32	6.27	6	5.91	6.42	6.55	6.11	6.81
3	19766	6.78	6.75	6.68	6.54	6.38	6.21	5.99	5.86	5.79	5.71	5.76	5.63	5.37	5.16	5.07	4.84	4.81	5.43	5.45	5.14	6.27
3	20031	7.23	7.26	7.22	7.12	6.99	6.89	6.77	6.71	6.66	6.6	6.69	6.61	6.38	6.15	6.07	5.83	5.78	6.31	6.36	6.01	6.8
3	20036	6.59	6.6	6.51	6.29	6.07	5.87	5.7	5.63	5.56	5.49	5.55	5.39	5.13	4.95	4.91	4.69	4.7	5.45	5.44	5.08	6.56
3	20390	7.22	7.28	7.25	7.11	6.96	6.87	6.78	6.74	6.68	6.69	6.84	6.62	6.42	6.31	6.3	6.09	6.12	6.67	6.59	6.1	7.09
3	20396	5.65	5.69	5.67	5.45	5.45	5.56	5.51	5.57	5.24	5.07	5.11	4.94	4.73	4.79	4.84	4.77	4.88	5.61	5.46	5.03	6.34
3	20931	6.69	6.8	6.78	6.59	6.48	6.39	6.32	6.31	6.23	6.25	6.36	6.17	5.95	5.88	5.88	5.66	5.79	6.53	6.33	5.83	7.51
3	20936	5.9	6.05	6.05	5.78	5.67	5.67	5.64	5.69	5.54	5.47	5.54	5.36	5.12	5.09	5.16	4.94	5.15	6.15	5.88	5.39	7.34
3	21271	7.49	7.45	7.41	7.32	7.25	7.18	7.1	7.04	6.96	6.93	6.93	6.83	6.73	6.73	6.68	6.51	6.65	6.97	6.75	6.61	7.37
3	21791	7.57	7.55	7.53	7.46	7.42	7.38	7.31	7.26	7.21	7.18	7.17	7.1	7.02	6.97	6.92	6.82	6.77	6.91	6.91	6.83	7.33
3	20890	7.96	8.01	8.02	7.98	7.95	7.93	7.87	7.83	7.79	7.75	7.73	7.65	7.57	7.51	7.45	7.33	7.27	7.37	7.31	7.22	7.72
3	19990	8.63	8.72	8.74	8.69	8.65	8.63	8.55	8.49	8.45	8.39	8.35	8.24	8.15	8.06	7.98	7.86	7.76	7.8	7.72	7.63	8.13
3	20378	7.36	7.35	7.33	7.25	7.19	7.12	7.02	6.96	6.91	6.87	6.85	6.74	6.64	6.56	6.47	6.28	6.33	6.52	6.37	6.25	7.03
3	24577	6.08	6.03	5.99	5.91	5.85	5.77	5.75	5.7	5.53	5.48	5.49	5.19	4.88	4.7	4.66	4.33	4.16	4.53	4.78	4.63	5.8
3	24587	5.58	5.5	5.45	5.29	5.21	5.07	5.04	4.94	4.77	4.9	4.9	4.7	4.49	4.41	4.42	4.19	4.15	4.6	4.82	4.58	5.71
3	19177	9.91	9.94	9.9	9.8	9.72	9.63	9.47	9.37	9.31	9.23	9.16	9.02	8.91	8.83	8.73	8.55	8.4	8.36	8.29	8.21	8.68
3	19213	8.7	8.74	8.71	8.63	8.56	8.48	8.38	8.31	8.26	8.19	8.17	8.08	7.96	7.85	7.77	7.64	7.52	7.55	7.58	7.5	7.99
3	20357	8.04	8.07	8.08	8.02	7.99	7.96	7.9	7.85	7.81	7.77	7.74	7.65	7.57	7.5	7.44	7.32	7.25	7.36	7.31	7.21	7.7
3	20206	7.48	7.49	7.47	7.38	7.29	7.2	7.1	7.03	6.98	6.95	6.95	6.88	6.78	6.68	6.59	6.42	6.38	6.53	6.44	6.32	7
3	20350	8.27	8.34	8.37	8.33	8.3	8.28	8.21	8.17	8.13	8.08	8.05	7.96	7.87	7.79	7.73	7.61	7.53	7.6	7.53	7.44	7.94
3	20900	7.59	7.59	7.57	7.5	7.45	7.41	7.34	7.29	7.24	7.2	7.19	7.11	7.03	6.98	6.93	6.81	6.77	6.99	6.91	6.77	7.32
3	19274	9.06	9.13	9.12	9.05	8.99	8.93	8.83	8.76	8.71	8.64	8.59	8.49	8.37	8.27	8.2	8.07	7.95	7.94	7.9	7.82	8.34
3	23229	6.98	6.95	6.93	6.86	6.82	6.77	6.72	6.66	6.6	6.58	6.58	6.5	6.38	6.21	6.07	5.79	5.72	6.09	5.99	5.78	6.72
3	21914	5.74	5.76	5.76	5.58	5.57	5.49	5.43	5.44	5.35	5.44	5.5	5.37	5.22	5.25	5.25	5.04	5.21	5.91	5.71	5.39	7.11
3	23881	5.4	5.42	5.43	5.31	5.31	5.22	5.2	5.17	5.11	5.19	5.21	5.09	4.96	4.95	4.95	4.77	4.83	5.27	5.22	5.01	6.27
3	23894	4.89	4.92	4.94	4.77	4.82	4.73	4.68	4.68	4.6	4.72	4.79	4.65	4.49	4.48	4.51	4.31	4.38	5.01	5.05	4.7	6.71
3	24628	2.42	2.44	2.46	2.29	2.4	2.32	2.32	2.29	2.23	2.3	2.34	2.25	2.11	2.06	2.1	1.95	2.06	2.64	2.92	2.49	4.44
3	24900	1.87	1.88	1.88	1.81	1.88	1.81	1.85	2.03	2.04	2.13	2.11	2.07	2.02	2.07	2.05	2	2.11	2.34	2.29	2.14	3.43
3	25681	3.86	3.81	3.79	3.64	3.72	3.63	3.66	3.6	3.48	3.61	3.68	3.57	3.42	3.37	3.4	3.19	3.16	3.6	3.92	3.69	4.97
3	25694	3.09	3.03	3.04	2.85	2.94	2.83	2.81	2.78	2.65	2.79	2.97	2.82	2.63	2.55	2.61	2.4	2.38	2.94	3.48	3.06	4.99
3	25868	3.28	3.22	3.23	3.07	3.16	3.05	3.06	3.01	2.89	3.03	3.14	3.01	2.85	2.79	2.83	2.62	2.61	3.1	3.52	3.17	4.69
3	26704	1.54	1.46	1.45	1.37	1.35	1.32	1.3	1.35	1.38	1.42	1.49	1.46	1.41	1.41	1.42	1.37	1.37	1.48	1.5	1.45	1.99
3	26616	1.53	1.45	1.45	1.37	1.36	1.33	1.32	1.38	1.43	1.5	1.57	1.53	1.47	1.48	1.48	1.43	1.44	1.55	1.56	1.5	2.05
3	25660	4.78	4.61	4.5	4.27	4.24	4.09	4.25	4.15	3.91	4.03	4.13	3.88	3.61	3.52	3.53	3.26	3.19	3.57	4	3.82	4.93
3	26763	2.38	2.33	2.31	2.25	2.24	2.19	2.15	2.14	2.1	2.1	2.23	2.17	2.06	1.88	1.82	1.69	1.72	2.09	2.28	2.13	2.68
3	23403	6.4	6.41	6.42	6.37	6.34	6.															

Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45
7.81	7.89	7.83	8.14	8.47	8.3	8.17	8.1	8.01	8.1	8.08	7.94	7.93	7.99	7.95	7.96	7.88	7.83	7.87	7.9	8.16	8.28	8.21	8.17
6.6	6.55	6.27	6.65	6.86	6.73	6.61	6.44	6.3	6.48	6.41	6.19	6.35	6.37	6.24	6.27	6.18	6.21	6.19	6.2	6.65	6.72	6.58	6.43
7.35	7.17	6.72	7.09	7.47	7.18	6.91	6.68	6.58	6.85	6.72	6.43	6.69	6.83	6.59	6.64	6.42	6.52	6.51	6.54	7.16	7.19	6.89	6.65
7.66	7.73	7.66	7.96	8.29	8.13	8.01	7.93	7.83	7.92	7.91	7.76	7.74	7.81	7.74	7.75	7.67	7.63	7.66	7.67	7.94	8.07	7.99	7.94
8.11	8.19	8.16	8.46	8.78	8.63	8.51	8.46	8.39	8.52	8.47	8.33	8.28	8.32	8.28	8.3	8.22	8.18	8.21	8.25	8.53	8.61	8.54	8.5
7.69	7.68	7.56	7.81	8.08	7.88	7.71	7.59	7.51	7.62	7.62	7.45	7.47	7.56	7.48	7.52	7.4	7.35	7.38	7.36	7.71	7.8	7.64	7.53
7.95	8.06	8.03	8.31	8.61	8.46	8.3	8.2	8.13	8.22	8.21	8.07	8.04	8.1	8.06	8.08	7.99	7.94	7.94	7.93	8.21	8.32	8.21	8.13
7.87	7.99	7.96	8.25	8.55	8.39	8.26	8.16	8.09	8.18	8.16	8.03	7.99	8.05	7.99	8.01	7.93	7.88	7.89	7.88	8.16	8.27	8.18	8.1
8.02	8.11	8.07	8.33	8.63	8.47	8.29	8.19	8.12	8.21	8.2	8.07	8.05	8.11	8.08	8.1	8.01	7.95	7.96	7.95	8.22	8.33	8.21	8.12
7.7	7.82	7.84	8.15	8.45	8.28	8.16	8.08	8.01	8.14	8.11	7.96	7.93	7.98	7.94	7.98	7.88	7.84	7.84	7.84	8.1	8.21	8.1	8.03
7.65	7.77	7.77	8.06	8.34	8.17	8.03	7.94	7.88	7.99	7.96	7.83	7.81	7.86	7.83	7.87	7.78	7.73	7.73	7.73	7.99	8.08	7.96	7.88
7.2	7.3	7.31	7.59	7.85	7.65	7.51	7.43	7.4	7.51	7.48	7.36	7.36	7.41	7.4	7.43	7.35	7.33	7.33	7.33	7.56	7.64	7.5	7.42
7.22	7.22	7.21	7.39	7.61	7.38	7.23	7.22	7.22	7.24	7.23	7.2	7.21	7.22	7.22	7.21	7.2	7.2	7.2	7.21	7.32	7.35	7.23	7.21
6.85	6.81	6.58	6.93	7.19	6.96	6.84	6.7	6.59	6.76	6.67	6.51	6.68	6.72	6.6	6.63	6.52	6.56	6.54	6.57	6.99	7.03	6.86	6.72
7.38	7.18	6.86	7.24	7.61	7.23	7	6.87	6.83	7.01	6.89	6.72	6.94	7.06	6.89	6.9	6.73	6.82	6.81	6.84	7.3	7.36	7.1	6.92
7.57	7.31	7.05	7.62	7.81	7.23	7.08	7.04	7.05	7.2	7.12	6.97	7.23	7.3	7.15	7.16	7.03	7.08	7.11	7.14	7.64	7.53	7.21	7.08
7.51	7.25	6.94	7.54	7.72	7.14	6.97	6.9	6.91	7.09	6.98	6.82	7.1	7.14	6.99	7.01	6.86	6.93	6.94	6.97	7.54	7.4	7.07	6.92
7.57	7.32	6.9	7.29	7.67	7.28	6.98	6.8	6.74	7.02	6.87	6.6	6.88	7.02	6.78	6.83	6.61	6.71	6.71	6.74	7.35	7.37	7.02	6.77
7.38	7.12	6.72	7.22	7.54	7.06	6.79	6.64	6.59	6.82	6.7	6.47	6.74	6.77	6.62	6.66	6.48	6.56	6.54	6.56	7.21	7.11	6.78	6.59
7.12	6.99	6.65	6.97	7.35	7.11	6.93	6.7	6.56	6.77	6.67	6.42	6.63	6.66	6.5	6.54	6.4	6.46	6.42	6.44	7	7.04	6.83	6.62
6.69	6.67	6.44	6.78	7.04	6.9	6.79	6.63	6.49	6.65	6.6	6.41	6.53	6.57	6.45	6.48	6.39	6.41	6.39	6.4	6.8	6.9	6.78	6.65
6.6	6.57	6.31	6.61	6.82	6.77	6.66	6.48	6.33	6.5	6.45	6.25	6.37	6.4	6.26	6.3	6.23	6.24	6.22	6.21	6.63	6.72	6.6	6.45
7.27	7.37	7.32	7.65	7.86	7.55	7.4	7.34	7.31	7.36	7.35	7.28	7.4	7.56	7.48	7.48	7.4	7.37	7.4	7.43	7.7	7.72	7.56	7.45
7.06	7.21	7.15	7.48	7.81	7.55	7.25	7.07	6.92	6.96	6.99	6.88	6.99	7.22	7.19	7.2	7.08	6.96	7.01	7.04	7.3	7.45	7.29	7.11
7.34	7.4	7.32	7.65	7.91	7.6	7.4	7.32	7.28	7.34	7.36	7.26	7.36	7.54	7.46	7.46	7.37	7.31	7.36	7.39	7.65	7.74	7.56	7.43
7.3	7.29	7.12	7.52	7.89	7.54	7.18	6.99	6.83	6.98	6.97	6.8	7.02	7.23	7.15	7.18	6.98	6.88	6.96	7.01	7.34	7.5	7.28	7.03
7.31	7.29	7.2	7.54	7.72	7.32	7.23	7.23	7.24	7.31	7.28	7.2	7.35	7.48	7.35	7.34	7.28	7.29	7.32	7.35	7.67	7.61	7.39	7.31
6.27	6.14	5.91	6.57	6.38	5.96	5.87	5.86	5.79	5.98	5.93	5.85	6.04	5.98	5.94	5.94	5.83	5.87	5.91	5.92	6.27	6.19	5.92	5.78
7.92	7.46	6.98	7.82	8.14	7.15	6.9	6.86	6.86	7.1	7.07	6.83	7.15	7.22	7.02	7.05	6.84	6.91	7.01	7.02	7.72	7.61	7.07	6.86
8.17	7.42	6.57	7.63	8.33	6.78	6.3	6.24	6.17	6.59	6.68	6.24	6.62	6.72	6.42	6.51	6.15	6.23	6.48	6.44	7.38	7.39	6.51	6.15
7.83	7.9	7.82	8.08	8.36	8.2	8.05	7.93	7.85	7.94	7.94	7.8	7.78	7.85	7.79	7.81	7.72	7.67	7.69	7.67	7.96	8.08	7.96	7.87
7.76	7.88	7.9	8.2	8.5	8.34	8.22	8.14	8.07	8.19	8.16	8.02	7.98	8.03	7.99	8.03	7.93	7.88	7.89	7.89	8.15	8.26	8.16	8.09
8.15	8.23	8.19	8.5	8.82	8.66	8.54	8.5	8.43	8.55	8.5	8.37	8.31	8.36	8.32	8.34	8.26	8.22	8.26	8.3	8.58	8.66	8.59	8.56
8.57	8.63	8.57	8.86	9.18	9.01	8.88	8.84	8.77	8.9	8.84	8.72	8.69	8.79	8.81	8.83	8.76	8.73	8.81	8.92	9.19	9.23	9.16	9.14
7.5	7.55	7.47	7.78	8.13	7.95	7.8	7.7	7.59	7.67	7.68	7.52	7.53	7.64	7.57	7.59	7.5	7.45	7.49	7.5	7.78	7.95	7.86	7.79
6.35	6.41	6.47	6.75	7.03	6.84	6.73	6.63	6.57	6.68	6.68	6.56	6.51	6.61	6.63	6.66	6.59	6.65	6.69	6.66	6.85	6.98	6.85	6.74
6.16	6.13	6.12	6.34	6.6	6.37	6.23	6.18	6.19	6.38	6.4	6.28	6.24	6.34	6.35	6.39	6.29	6.32	6.34	6.31	6.54	6.68	6.52	6.38
8.92	8.88	8.8	9.07	9.36	9.2	9.12	9.11	9.09	9.2	9.21	9.16	9.23	9.58	9.71	9.71	9.66	9.6	9.66	9.79	10.06	10.13	10.09	10.04
8.36	8.37	8.31	8.63	8.89	8.68	8.5	8.44	8.41	8.5	8.49	8.41	8.5	8.7	8.72	8.77	8.7	8.64	8.7	8.78	9.05	8.99	8.99	8.93
8.13	8.21	8.17	8.48	8.8	8.65	8.52	8.47	8.39	8.49	8.45	8.32	8.28	8.35	8.31	8.33	8.25	8.21	8.25	8.3	8.57	8.66	8.6	8.57
7.52	7.59	7.52	7.86	8.19	7.96	7.77	7.67	7.58	7.67	7.68	7.54	7.6	7.73	7.67	7.7	7.6	7.54	7.59	7.62	7.89	8.05	7.93	7.83
8.36	8.43	8.38	8.68	9.01	8.85	8.72	8.69	8.62	8.74	8.69	8.55	8.5	8.57	8.56	8.57	8.5	8.46	8.52	8.6	8.88	8.94	8.87	8.85
7.78	7.87	7.83	8.13	8.45	8.29	8.17	8.1	8.01	8.1	8.08	7.94	7.91	7.96	7.9	7.91	7.83	7.79	7.81	7.82	8.09	8.21	8.14	8.09
8.72	8.72	8.65	8.94	9.23	9.05	8.9	8.85	8.8	8.91	8.88	8.79	8.82	9.01	9.08	9.11	9.05	9.01	9.09	9.21	9.47	9.49	9.41	9.38
7.14	7.26	7.33	7.63	7.95	7.77	7.66	7.59	7.52	7.66	7.65	7.5	7.45	7.52	7.5	7.55	7.45	7.43	7.44	7.43	7.67	7.8	7.68	7.59
7.62	7.23	6.62	7.38	7.74	6.81	6.48	6.27	6.2	6.5	6.42	6.08	6.33	6.41	6.24	6.4	6.13	6.13	6.17	6.16	7.05	6.92	6.33	6.05
6.12	5.96	5.74	6.35	6.24	5.77	5.75	5.62	5.65	5.82	5.7	5.53	5.7	5.7	5.66	5.74	5.57	5.62	5.59	5.62	6.05	5.94	5.64	5.54
6.8	6.28	5.78	6.7	6.69	5.68	5.63	5.44	5.37	5.76	5.61	5.23	5.49	5.62	5.43	5.71	5.33	5.35	5.41	5.41	6.2	6.13	5.4	5.14
4.32	3.73	3.2	4.11	3.97	3.09	3.3	3.08	2.9	3.23	3.29	2.99	3.26	3.13	2.96	3.45	3.05	3.06	3.2	3.14	3.47	3.55	2.82	2.51
2.76	2.6	2.3	3.14	2.58	2.26	2.57	2.28	2.29	2.44	2.41	2.27	2.53	2.26	2.3	2.55	2.27	2.35	2.4	2.37	2.52	2.39	2	1.89
5.06	4.79	4.53	5.05	4.95	4.5	4.41	4.26	4.26	4.54	4.47	4.33	4.45	4.51	4.38	4.47	4.32	4.43	4.41	4.38	4.89	4.87	4.42	4.21
5.19	4.82	4.39	5.06	4.93	4.22	4.08	3.84	3.68	4.16	4.12	3.84	3.98	4.14	3.89	4.15	3.81	3.95	4.01	3.96	4.69	4.79	3.94	3.47
4.77	4.56	4.22	4.74	4.59	4.12	4	3.78	3.71	4.09	4.02	3.84	3.97	4.06	3.88	4.03	3.78	3.94	3.95	3.9	4.53	4.53	3.9	3.58
2.34	2.36	2.18	2.28	2.32	2.17	2.06	1.94	1.83	1.88	1.95	1.88	1.91	1.91	1.91	1.92	1.85	1.89	1.91	1.94	2.08	2.15	1.96	1.79
2.41	2.41	2.22	2.33	2.38	2.21	2.11	1.99	1.86	1.92	1.99	1.9	1.93	1.93	1.92	1.95	1.88	1.92	1.94	1.97	2.1	2.18	1.98	1.79
5.4	5.4	5.38	5.59	5.75	5.57	5.44	5.33	5.27															

Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
8.04	7.93	7.83	7.75	7.68	7.6	7.52	6.86	7.71	7.82	8.47	0.407	1.61
6.22	6.15	6.14	6.07	5.94	5.8	5.64	5.46	6.08	6.17	6.86	0.411	1.40
6.4	6.29	6.28	6.22	6.12	5.99	5.85	5.47	6.37	6.39	7.47	0.526	2.00
7.81	7.69	7.6	7.53	7.45	7.37	7.28	6.60	7.48	7.62	8.29	0.436	1.69
8.39	8.28	8.17	8.09	8	7.93	7.86	7.18	8.04	8.14	8.78	0.417	1.60
7.39	7.24	7.12	7.02	6.93	6.86	6.77	6.16	7.14	7.26	8.08	0.509	1.92
8.02	7.9	7.79	7.7	7.63	7.57	7.51	6.85	7.74	7.85	8.61	0.461	1.76
7.98	7.87	7.76	7.68	7.6	7.53	7.46	6.79	7.68	7.82	8.55	0.466	1.76
8.02	7.9	7.78	7.7	7.63	7.58	7.52	6.86	7.76	7.84	8.63	0.450	1.77
7.91	7.8	7.7	7.62	7.54	7.47	7.41	6.70	7.60	7.70	8.45	0.473	1.75
7.77	7.67	7.57	7.5	7.43	7.37	7.3	6.58	7.50	7.61	8.34	0.461	1.76
7.32	7.23	7.15	7.09	7.03	6.97	6.89	5.88	7.02	7.18	7.85	0.507	1.97
7.19	7.14	7.08	7.04	7.01	6.95	6.85	6.03	6.96	7.14	7.61	0.389	1.58
6.55	6.49	6.46	6.38	6.25	6.11	5.97	5.66	6.40	6.50	7.19	0.407	1.53
6.73	6.65	6.61	6.53	6.4	6.28	6.15	5.74	6.63	6.73	7.61	0.462	1.87
6.98	6.9	6.84	6.74	6.61	6.5	6.39	5.87	6.86	6.98	7.81	0.464	1.94
6.8	6.72	6.66	6.58	6.46	6.36	6.26	5.74	6.72	6.81	7.72	0.473	1.98
6.55	6.43	6.4	6.35	6.24	6.14	6.02	5.53	6.53	6.55	7.67	0.536	2.14
6.4	6.28	6.25	6.2	6.11	6.03	5.93	5.45	6.40	6.40	7.54	0.503	2.09
6.39	6.29	6.26	6.2	6.09	5.96	5.82	5.48	6.31	6.34	7.35	0.498	1.87
6.45	6.38	6.35	6.28	6.15	5.98	5.82	5.56	6.25	6.39	7.04	0.427	1.48
6.24	6.2	6.18	6.11	5.98	5.84	5.69	5.52	6.12	6.21	6.82	0.395	1.30
7.36	7.27	7.17	7.07	6.93	6.8	6.69	5.91	7.09	7.28	7.86	0.466	1.95
6.91	6.72	6.53	6.37	6.19	5.94	5.71	4.81	6.50	6.77	7.81	0.787	3.00
7.32	7.22	7.11	7.02	6.88	6.74	6.63	5.78	7.04	7.25	7.91	0.512	2.13
6.72	6.46	6.21	6	5.8	5.57	5.39	4.69	6.39	6.60	7.89	0.865	3.20
7.25	7.2	7.11	7	6.83	6.72	6.62	6.09	7.04	7.21	7.72	0.409	1.63
5.57	5.34	5.18	5.08	4.95	4.9	4.9	4.73	5.60	5.68	6.57	0.485	1.84
6.72	6.6	6.52	6.44	6.31	6.21	6.13	5.66	6.74	6.79	8.14	0.569	2.48
5.87	5.65	5.53	5.45	5.36	5.28	5.23	4.94	6.14	6.10	8.33	0.791	3.39
7.75	7.62	7.51	7.43	7.36	7.29	7.22	6.51	7.47	7.57	8.36	0.481	1.85
7.97	7.86	7.76	7.68	7.6	7.53	7.46	6.77	7.66	7.76	8.50	0.469	1.73
8.45	8.34	8.23	8.14	8.06	7.98	7.91	7.22	8.09	8.17	8.82	0.412	1.60
9.04	8.92	8.81	8.7	8.6	8.52	8.43	7.63	8.61	8.70	9.23	0.396	1.60
7.64	7.51	7.42	7.34	7.26	7.17	7.06	6.25	7.28	7.44	8.13	0.477	1.88
6.58	6.44	6.32	6.23	6.15	6.07	5.99	4.16	6.06	6.34	7.03	0.768	2.87
6.22	6.09	5.92	5.76	5.61	5.44	5.53	4.15	5.68	6.01	6.68	0.748	2.53
9.87	9.69	9.54	9.43	9.32	9.21	9.13	8.21	9.31	9.27	10.13	0.489	1.92
8.83	8.7	8.58	8.48	8.38	8.28	8.19	7.50	8.41	8.49	9.09	0.402	1.59
8.46	8.34	8.24	8.15	8.06	7.98	7.91	7.21	8.09	8.16	8.80	0.406	1.59
7.69	7.57	7.48	7.39	7.29	7.17	7.05	6.32	7.35	7.51	8.19	0.467	1.87
8.74	8.63	8.52	8.43	8.34	8.26	8.18	7.44	8.35	8.41	9.01	0.396	1.57
7.96	7.85	7.75	7.67	7.59	7.51	7.43	6.77	7.63	7.77	8.45	0.441	1.68
9.27	9.15	9.02	8.91	8.81	8.71	8.62	7.82	8.81	8.89	9.49	0.405	1.67
7.45	7.33	7.22	7.15	7.07	7	6.92	5.72	7.06	7.19	7.95	0.588	2.23
5.81	5.64	5.58	5.56	5.52	5.51	5.46	5.04	6.02	5.86	7.74	0.666	2.70
5.43	5.36	5.36	5.37	5.34	5.3	5.24	4.77	5.49	5.43	6.35	0.367	1.58
4.9	4.77	4.76	4.78	4.75	4.72	4.69	4.31	5.23	5.03	6.80	0.647	2.49
2.31	2.12	2.16	2.1	2.1	2.13	2.08	1.95	2.78	2.58	4.44	0.639	2.49
1.84	1.79	1.84	1.8	1.79	1.82	1.81	1.79	2.20	2.14	3.43	0.344	1.64
4.03	3.9	3.86	3.79	3.71	3.66	3.64	3.16	4.08	3.98	5.06	0.515	1.90
3.13	2.94	2.89	2.87	2.82	2.78	2.75	2.38	3.52	3.30	5.19	0.795	2.81
3.32	3.18	3.15	3.12	3.07	3.04	3	2.61	3.57	3.42	4.77	0.608	2.16
1.63	1.5	1.42	1.37	1.32	1.3	1.29	1.29	1.70	1.59	2.36	0.331	1.07
1.62	1.48	1.4	1.36	1.32	1.31	1.31	1.31	1.73	1.60	2.41	0.338	1.10
5.35	5.21	5.09	4.94	4.72	4.53	4.35	3.19	4.81	5.15	5.77	0.762	2.58
2.49	2.4	2.34	2.29	2.25	2.23	2.18	1.69	2.45	2.45	3.14	0.350	1.45
6.81	6.69	6.59	6.53	6.46	6.4	6.34	5.64	6.50	6.57	7.17	0.402	1.53

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	
D13Rbc_Plan2B_89_95ops																							
3	20457	6.29	6.13	6.02	6.11	5.95	5.81	5.69	5.63	5.58	5.57	5.5	5.41	5.35	5.73	5.84	5.9	5.87	6.04	5.85	5.95	5.86	
3	20737	5.52	5.45	5.4	5.56	5.42	5.32	5.24	5.23	5.23	5.24	5.19	5.11	5.08	5.32	5.35	5.42	5.33	5.54	5.34	5.4	5.28	
3	20743	5.2	5.14	5.12	5.34	5.16	5.06	5	5.01	5.01	5.03	4.98	4.91	4.88	5.11	5.11	5.21	5.11	5.32	5.12	5.2	5.06	
3	20726	5.92	5.81	5.72	5.9	5.71	5.57	5.45	5.4	5.38	5.37	5.31	5.21	5.15	5.49	5.61	5.67	5.63	5.84	5.65	5.75	5.66	
3	20980	6.4	6.35	6.29	6.29	6.22	6.09	5.84	5.7	5.59	5.54	5.44	5.32	5.2	5.49	5.7	5.75	5.77	5.97	5.84	5.97	5.93	
3	21277	5.5	5.44	5.44	5.69	5.53	5.44	5.38	5.39	5.39	5.39	5.35	5.31	5.28	5.39	5.43	5.54	5.5	5.72	5.56	5.67	5.53	
3	21529	5.57	5.47	5.4	5.68	5.54	5.4	5.28	5.25	5.24	5.23	5.18	5.1	5.06	5.2	5.28	5.4	5.43	5.7	5.59	5.69	5.61	
3	21259	5.66	5.57	5.5	5.76	5.6	5.46	5.34	5.3	5.29	5.28	5.23	5.14	5.09	5.28	5.4	5.5	5.51	5.77	5.64	5.75	5.67	
3	21891	5.44	5.32	5.25	5.56	5.43	5.29	5.16	5.13	5.13	5.13	5.08	5	4.96	5.05	5.12	5.26	5.3	5.58	5.48	5.56	5.47	
3	21971	5.08	4.99	4.89	5.1	5	4.86	4.72	4.65	4.62	4.61	4.56	4.46	4.4	4.51	4.59	4.68	4.77	5.03	5.02	5.08	5.05	
3	22335	4.96	4.83	4.74	5	4.91	4.76	4.62	4.56	4.55	4.54	4.49	4.4	4.36	4.43	4.49	4.61	4.7	4.97	4.94	4.99	4.93	
3	23325	4.47	4.35	4.26	4.5	4.41	4.27	4.14	4.1	4.08	4.09	4.04	3.96	3.92	3.96	3.99	4.1	4.18	4.41	4.4	4.41	4.36	
3	23331	4.38	4.26	4.2	4.49	4.39	4.25	4.14	4.12	4.12	4.13	4.09	4.01	3.98	4.02	4.06	4.19	4.24	4.45	4.4	4.41	4.34	
3	20297	5.55	5.49	5.46	5.56	5.41	5.36	5.31	5.3	5.31	5.32	5.28	5.22	5.19	5.38	5.32	5.37	5.2	5.41	5.2	5.2	5.08	
3	20477	5.27	5.24	5.22	5.32	5.17	5.14	5.11	5.12	5.12	5.14	5.1	5.06	5.03	5.17	5.08	5.14	4.95	5.15	4.95	4.95	4.81	
3	20838	4.61	4.6	4.61	4.7	4.63	4.6	4.58	4.59	4.6	4.61	4.58	4.57	4.54	4.61	4.6	4.66	4.56	4.69	4.57	4.59	4.44	
3	21017	4.59	4.58	4.59	4.73	4.63	4.58	4.56	4.57	4.57	4.59	4.55	4.53	4.49	4.58	4.58	4.67	4.57	4.74	4.6	4.64	4.48	
3	20925	4.92	4.87	4.87	5.1	4.93	4.84	4.79	4.81	4.81	4.82	4.77	4.72	4.69	4.86	4.86	4.98	4.88	5.11	4.91	5	4.84	
3	21105	4.73	4.67	4.68	4.94	4.78	4.69	4.63	4.65	4.66	4.67	4.62	4.57	4.54	4.67	4.68	4.81	4.73	4.96	4.79	4.87	4.71	
3	21007	5.36	5.29	5.26	5.48	5.31	5.21	5.13	5.13	5.14	5.14	5.09	5.02	4.98	5.2	5.24	5.33	5.26	5.49	5.29	5.38	5.24	
3	20469	5.58	5.51	5.45	5.6	5.46	5.36	5.28	5.27	5.27	5.27	5.23	5.15	5.12	5.37	5.4	5.46	5.38	5.58	5.38	5.44	5.32	
3	21094	5.52	5.45	5.4	5.57	5.43	5.33	5.25	5.24	5.24	5.25	5.2	5.13	5.09	5.32	5.36	5.43	5.35	5.56	5.37	5.44	5.32	
3	19761	5.27	5.26	5.27	5.25	5.11	5.16	5.18	5.18	5.19	5.22	5.22	5.19	5.18	5.24	4.99	4.97	4.63	4.83	4.59	4.48	4.32	
3	19766	4.05	4.06	4.08	4.24	4.09	4.02	3.99	4.01	4.03	4.09	4.08	4.03	4.06	4.34	4.19	4.14	4.09	4.14	3.94	3.89	3.74	
3	20031	5.1	5.1	5.11	5.18	4.99	5	5	5.01	5.02	5.05	5.05	5.02	5.02	5.14	4.91	4.89	4.63	4.77	4.56	4.46	4.32	
3	20036	3.95	3.98	4.02	4.24	4.06	3.96	3.92	3.93	3.96	4.01	4.01	3.97	3.98	4.22	4.1	4.08	4	4.09	3.9	3.86	3.72	
3	20390	5.56	5.55	5.54	5.47	5.33	5.43	5.45	5.45	5.45	5.47	5.48	5.45	5.39	5.39	5.1	5.11	4.65	4.95	4.68	4.57	4.41	
3	20396	4.3	4.37	4.43	4.62	4.29	4.24	4.17	4.17	4.23	4.28	4.35	4.3	4.12	4.16	4	4.02	3.86	4.09	3.9	3.93	3.84	
3	20931	4.38	4.41	4.45	4.63	4.52	4.45	4.42	4.44	4.45	4.47	4.44	4.42	4.39	4.47	4.43	4.55	4.41	4.61	4.46	4.48	4.33	
3	20936	4.03	4.13	4.22	4.59	4.36	4.2	4.12	4.15	4.17	4.21	4.21	4.16	4.1	4.18	4.12	4.27	4.1	4.39	4.19	4.21	4.09	
3	21271	5.71	5.64	5.6	5.86	5.69	5.58	5.5	5.5	5.49	5.5	5.45	5.39	5.35	5.5	5.57	5.68	5.64	5.89	5.73	5.85	5.72	
3	21791	5.19	5.1	5	5.21	5.11	4.97	4.82	4.75	4.73	4.71	4.66	4.56	4.5	4.64	4.72	4.8	4.89	5.15	5.13	5.21	5.17	
3	20890	6.46	6.4	6.35	6.36	6.3	6.24	6.15	5.94	5.83	5.77	5.65	5.52	5.4	5.68	5.88	5.94	5.95	6.12	6	6.11	6.12	
3	19990	6.91	6.87	6.83	6.84	6.81	6.77	6.73	6.69	6.66	6.65	6.64	6.62	6.6	6.73	6.83	6.84	6.84	6.84	6.81	6.8	6.79	
3	20378	5.9	5.8	5.71	5.85	5.69	5.57	5.47	5.44	5.42	5.42	5.36	5.28	5.25	5.58	5.62	5.69	5.63	5.79	5.59	5.66	5.55	
3	24577	3.58	3.52	3.42	3.53	3.41	3.26	3.11	3	2.92	2.95	2.89	2.77	2.67	2.67	2.65	2.65	2.77	2.88	2.98	2.97	3	
3	24587	3.77	3.64	3.5	3.69	3.52	3.38	3.39	3.38	3.38	3.4	3.37	3.38	3.36	3.35	3.35	3.33	3.33	3.54	3.49	3.4	3.37	
3	19177	7.46	7.45	7.45	7.47	7.45	7.43	7.42	7.41	7.41	7.41	7.41	7.4	7.4	7.5	7.52	7.52	7.49	7.53	7.49	7.46	7.44	
3	19213	7.13	7.13	7.12	7.14	7.11	7.09	7.08	7.08	7.07	7.08	7.08	7.08	7.08	7.17	7.15	7.12	7.11	7.09	7.04	7.03	7	
3	20357	6.63	6.55	6.48	6.48	6.42	6.36	6.28	6.21	6.13	6.06	6	5.91	5.82	6.04	6.27	6.32	6.35	6.42	6.38	6.4	6.4	
3	20206	5.82	5.75	5.7	5.79	5.62	5.56	5.51	5.5	5.49	5.5	5.47	5.41	5.39	5.61	5.54	5.58	5.45	5.58	5.37	5.37	5.23	
3	20350	6.69	6.63	6.58	6.58	6.54	6.49	6.44	6.39	6.36	6.34	6.31	6.27	6.24	6.34	6.41	6.43	6.45	6.48	6.46	6.48	6.48	
3	20900	5.93	5.82	5.72	5.91	5.73	5.58	5.45	5.39	5.37	5.36	5.29	5.19	5.12	5.43	5.59	5.65	5.63	5.85	5.68	5.79	5.71	
3	19274	7.4	7.39	7.38	7.4	7.38	7.36	7.34	7.33	7.32	7.33	7.32	7.32	7.32	7.44	7.47	7.44	7.43	7.43	7.38	7.37	7.36	
3	23229	4.5	4.43	4.33	4.47	4.37	4.24	4.1	4.02	3.98	3.98	3.93	3.83	3.76	3.79	3.81	3.84	3.96	4.16	4.23	4.26	4.24	
3	21914	4.25	4.16	4.17	4.55	4.43	4.31	4.22	4.23	4.24	4.24	4.2	4.13	4.1	4.18	4.19	4.41	4.41	4.67	4.54	4.59	4.46	
3	23881	4	3.93	3.92	4.27	4.13	3.98	3.9	3.9	3.92	3.92	3.87	3.81	3.78	3.84	3.86	4.03	4.05	4.22	4.14	4.13	4.06	
3	23894	3.6	3.56	3.54	3.91	3.81	3.65	3.54	3.55	3.55	3.55	3.51	3.42	3.4	3.48	3.49	3.74	3.78	3.99	3.9	3.84	3.76	
3	24628	0.84	0.81	0.82	1.12	1.17	1.25	1.2	1.21	1.22	1.26	1.24	1.14	1.11	1.23	1.19	1.65	1.81	1.92	1.84	1.86	1.92	
3	24900	1.4	1.43	1.43	1.56	1.51	1.49	1.45	1.46	1.46	1.53	1.51	1.44	1.43	1.61	1.55	1.97	1.97	2.04	1.92	2.01	2.06	
3	25681	2.82	2.76	2.67	2.89	2.78	2.62	2.53	2.52	2.51	2.53	2.5	2.44	2.45	2.61	2.56	2.7	2.73	2.9	2.87	2.74	2.77	
3	25694	2.11	2.06	2	2.19	2.1	1.95	1.83	1.82	1.8	1.83	1.81	1.74	1.73	1.96	1.9	2.18	2.22	2.35	2.29	2.15	2.22	
3	25868	2.33	2.29	2.22	2.4	2.31	2.16	2.05	2.04	2.02	2.04	2.02	1.95	1.95	2.18	2.11	2.31	2.34	2.49	2.44	2.31	2.4	
3	26704	1.26	1.24	1.23	1.23	1.21	1.2	1.18	1.17	1.17	1.2	1.21	1.18	1.16	1.2	1.22	1.44	1.46	1.43	1.39	1.39	1.47	
3	26616	1.26	1.25	1.24	1.26	1.23	1.22	1.2	1.19	1.19	1.25	1.23	1.19	1.18	1.24	1.24	1.58	1.53	1.49	1.43	1.5	1.6	
3	25660	2.83	2.79	2.7	2.86	2.75	2.59	2.46	2.4	2.34	2.36	2.31	2.22	2.18	2.38	2.33	2.32	2.37	2.47	2.53	2.49	2.56	
3	26763	1.5	1.53	1.49	1.54	1.48	1.42	1.36	1.31	1.28	1.33	1.31	1.26	1.28	1.67	1.52	1.62	1.54	1.7	1.62	1.56	1.83	
3	23403	4.52	4.45	4.35	4.37	4.25	4.11	3.98	3.87</														

Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45
5.61	5.58	5.47	5.44	6.18	6.69	6.49	6.54	6.63	6.78	6.76	6.94	7.08	7.03	7.08	7.01	7.02	6.95	6.86	6.94	6.92	6.83	6.74	6.71
4.95	4.91	4.87	4.8	5.43	5.63	5.49	5.61	5.57	5.6	5.56	5.67	5.54	5.59	5.54	5.49	5.58	5.46	5.55	5.61	5.55	5.48	5.52	5.6
4.72	4.69	4.68	4.59	5.36	5.92	5.34	5.56	5.51	5.6	5.44	5.81	5.65	5.45	5.48	5.26	5.51	5.22	5.25	5.6	5.33	5.21	5.19	5.28
5.36	5.31	5.23	5.19	6	6.66	6.25	6.35	6.43	6.54	6.49	6.75	6.9	6.85	6.91	6.8	6.86	6.73	6.64	6.78	6.71	6.61	6.5	6.49
5.76	5.8	5.69	5.67	6.09	6.6	6.68	6.76	6.84	7	7.04	7.22	7.36	7.35	7.38	7.34	7.34	7.31	7.24	7.27	7.26	7.21	7.14	7.11
5.35	5.32	5.29	5.27	5.91	6.76	6.23	6.28	6.33	6.48	6.29	6.69	6.63	6.46	6.45	6.19	6.39	6.1	5.94	6.29	6.16	5.99	5.87	5.84
5.37	5.36	5.28	5.3	6	6.97	6.94	6.9	6.95	7.08	7.03	7.15	7.29	7.25	7.25	7.15	7.14	7.09	6.96	6.98	7.02	6.92	6.8	6.72
5.41	5.38	5.29	5.29	6.01	6.95	6.79	6.77	6.81	6.97	6.9	7.07	7.2	7.17	7.18	7.09	7.09	7.03	6.91	6.95	6.96	6.87	6.76	6.69
5.25	5.24	5.18	5.2	5.91	7.07	7.02	6.94	7.02	7.13	7.06	7.22	7.34	7.27	7.26	7.14	7.14	7.08	6.9	6.95	7.01	6.88	6.73	6.63
4.84	4.87	4.78	4.83	5.42	6.58	6.64	6.76	6.83	6.95	6.94	7.04	7.14	7.14	7.14	7.07	7.08	7.05	6.96	6.98	6.97	6.91	6.84	6.8
4.71	4.72	4.65	4.7	5.34	6.62	6.69	6.77	6.82	6.9	6.9	7	7.1	7.09	7.08	6.99	6.99	6.95	6.84	6.84	6.85	6.79	6.69	6.64
4.18	4.2	4.16	4.25	4.82	6.26	6.29	6.48	6.49	6.62	6.54	6.66	6.73	6.75	6.74	6.63	6.65	6.61	6.48	6.47	6.47	6.4	6.29	6.22
4.17	4.17	4.15	4.19	4.98	6.48	6.35	6.43	6.44	6.57	6.46	6.69	6.77	6.72	6.69	6.48	6.56	6.43	6.22	6.33	6.32	6.2	6.11	6.07
4.74	4.76	4.7	4.6	5.36	5.62	5.46	5.61	5.59	5.58	5.58	5.74	5.63	5.64	5.6	5.53	5.62	5.49	5.55	5.72	5.58	5.52	5.55	5.63
4.47	4.53	4.47	4.35	5.2	5.63	5.27	5.46	5.43	5.45	5.39	5.68	5.55	5.42	5.44	5.26	5.45	5.22	5.26	5.58	5.32	5.24	5.25	5.32
4.11	4.2	4.14	4.02	4.73	5.25	4.88	4.99	4.96	5.03	4.89	5.21	5.15	4.95	4.95	4.72	4.93	4.69	4.69	4.99	4.76	4.63	4.62	4.64
4.16	4.22	4.18	4.07	4.79	5.38	4.94	5.06	5.02	5.11	4.95	5.3	5.23	5.01	5.01	4.76	4.99	4.72	4.71	5.03	4.8	4.67	4.65	4.66
4.52	4.49	4.5	4.41	5.18	5.9	5.23	5.43	5.37	5.49	5.29	5.72	5.6	5.33	5.36	5.07	5.37	5.03	5.03	5.42	5.14	4.99	4.96	5.01
4.43	4.41	4.41	4.34	5.04	5.81	5.22	5.35	5.32	5.44	5.23	5.66	5.58	5.32	5.31	5.02	5.3	4.96	4.92	5.27	5.07	4.94	4.89	4.91
4.92	4.86	4.84	4.78	5.49	5.97	5.55	5.7	5.66	5.75	5.62	5.9	5.76	5.66	5.66	5.49	5.68	5.44	5.48	5.69	5.55	5.44	5.44	5.5
4.99	4.96	4.91	4.84	5.47	5.66	5.54	5.65	5.63	5.65	5.62	5.73	5.63	5.68	5.63	5.59	5.67	5.55	5.64	5.7	5.64	5.57	5.6	5.68
5	4.96	4.92	4.85	5.47	5.7	5.59	5.68	5.65	5.69	5.63	5.74	5.63	5.69	5.62	5.58	5.66	5.54	5.62	5.66	5.63	5.55	5.58	5.65
3.98	4.19	4.05	3.89	4.95	5.5	5.33	5.46	5.56	5.49	5.54	5.92	5.9	5.72	5.75	5.51	5.62	5.45	5.38	5.85	5.59	5.47	5.45	5.48
3.44	3.59	3.59	3.4	4.27	5.06	4.78	4.96	5.08	5.08	4.98	5.69	5.79	5.32	5.37	4.92	5.17	4.88	4.65	5.36	5.05	4.66	4.47	4.44
3.97	4.12	4.04	3.87	4.87	5.58	5.28	5.48	5.56	5.54	5.5	5.96	5.97	5.74	5.77	5.48	5.63	5.41	5.3	5.83	5.56	5.36	5.3	5.32
3.41	3.52	3.51	3.35	4.21	5.15	4.82	5.01	5.11	5.15	4.97	5.66	5.77	5.32	5.34	4.87	5.14	4.83	4.58	5.25	4.98	4.59	4.37	4.31
4.05	4.29	4.1	3.97	5.1	5.57	5.42	5.49	5.57	5.48	5.57	5.81	5.77	5.66	5.69	5.51	5.59	5.45	5.45	5.79	5.59	5.55	5.58	5.62
3.59	3.64	3.6	3.58	4.42	5.51	4.94	5.07	5.19	5.23	5.03	5.55	5.56	5.26	5.2	4.79	5.06	4.61	4.26	4.89	4.75	4.42	4.3	4.21
3.99	4.03	4.01	3.9	4.66	5.39	4.97	5.08	5.01	5.11	4.93	5.3	5.26	5.02	4.98	4.68	4.96	4.67	4.62	4.95	4.74	4.54	4.47	4.45
3.75	3.74	3.74	3.7	4.55	5.81	5.18	5.26	5.21	5.37	5.06	5.59	5.6	5.25	5.16	4.68	5.08	4.67	4.44	4.9	4.76	4.41	4.21	4.13
5.5	5.47	5.41	5.41	6.12	7	6.61	6.6	6.67	6.82	6.67	7.02	6.97	6.88	6.87	6.69	6.8	6.6	6.45	6.7	6.6	6.43	6.32	6.25
4.96	4.99	4.89	4.92	5.55	6.64	6.66	6.76	6.83	6.96	6.96	7.08	7.18	7.18	7.18	7.11	7.12	7.09	7	7.02	7.01	6.96	6.88	6.84
5.96	5.99	5.9	5.89	6.2	6.64	6.72	6.79	6.87	7.03	7.06	7.24	7.39	7.38	7.41	7.37	7.37	7.34	7.27	7.3	7.29	7.23	7.17	7.14
6.74	6.75	6.74	6.74	6.92	7.21	7.21	7.24	7.32	7.41	7.41	7.55	7.68	7.65	7.69	7.64	7.63	7.6	7.55	7.59	7.57	7.5	7.45	7.43
5.25	5.23	5.15	5.07	5.84	6.26	5.89	6.08	6.12	6.19	6.16	6.47	6.43	6.39	6.41	6.29	6.4	6.23	6.2	6.41	6.25	6.15	6.08	6.11
2.88	2.9	2.87	3.22	3.66	4.62	4.81	5.43	5.57	5.7	5.6	5.77	5.86	5.89	5.85	5.7	5.83	5.79	5.6	5.66	5.61	5.38	5.1	5.03
3.3	3.43	3.33	3.52	4.06	5.19	5.01	5.32	5.28	5.33	5.41	5.63	5.65	5.62	5.58	5.49	5.67	5.53	5.43	5.52	5.45	5.35	5.29	5.28
7.42	7.32	7.38	7.42	7.65	7.86	7.8	7.83	7.91	7.89	7.87	7.93	7.97	7.94	7.98	7.94	7.96	7.98	7.99	8.02	7.99	7.94	7.9	7.88
6.95	6.9	6.92	6.9	7.08	7.2	7.18	7.24	7.29	7.29	7.28	7.41	7.44	7.35	7.37	7.29	7.31	7.26	7.22	7.36	7.29	7.22	7.19	7.19
6.31	6.28	6.23	6.17	6.41	6.77	6.8	6.84	6.91	7.03	7.04	7.21	7.36	7.33	7.37	7.32	7.32	7.27	7.2	7.24	7.23	7.16	7.09	7.05
4.9	4.93	4.86	4.74	5.59	6.02	5.72	5.95	5.97	6.01	6.01	6.28	6.32	6.27	6.28	6.15	6.24	6.09	6.04	6.27	6.14	6.04	5.97	5.99
6.44	6.44	6.43	6.42	6.59	6.91	6.95	6.99	7.07	7.19	7.21	7.38	7.53	7.51	7.55	7.51	7.51	7.47	7.41	7.45	7.43	7.37	7.31	7.29
5.42	5.37	5.28	5.25	6.07	6.75	6.47	6.52	6.59	6.72	6.69	6.92	7.05	7.01	7.06	6.98	7	6.92	6.83	6.91	6.88	6.8	6.7	6.67
7.33	7.3	7.3	7.31	7.5	7.63	7.58	7.6	7.66	7.68	7.66	7.77	7.82	7.76	7.79	7.72	7.73	7.71	7.67	7.74	7.7	7.64	7.61	7.61
4.1	4.17	4.1	4.25	4.75	5.85	6.14	6.47	6.52	6.65	6.56	6.68	6.73	6.75	6.74	6.65	6.71	6.66	6.59	6.61	6.6	6.53	6.44	6.38
4.25	4.23	4.21	4.19	4.74	5.78	5.42	5.41	5.41	5.56	5.39	5.84	5.9	5.6	5.51	5.11	5.35	5	4.8	5.08	5.03	4.86	4.75	4.73
3.89	3.89	3.88	3.87	4.32	5.25	5	5.04	5.02	5.12	4.99	5.34	5.39	5.18	5.09	4.81	5	4.73	4.56	4.8	4.78	4.71	4.67	4.68
3.58	3.61	3.61	3.57	4.04	5.04	4.81	4.8	4.78	4.97	4.84	5.21	5.35	5.03	4.95	4.55	4.79	4.44	4.27	4.49	4.42	4.27	4.2	4.26
1.72	1.73	1.72	1.59	2.23	2.91	2.73	2.64	2.59	3.09	2.83	2.99	3.09	2.75	2.79	2.65	2.72	2.4	2.23	2.5	2.39	2.13	1.93	1.95
1.94	1.95	1.9	1.82	2.28	2.4	2.18	2.21	2.19	2.45	2.25	2.32	2.32	2.21	2.22	2.23	2.24	2.12	2.08	2.25	1.99	1.81	1.75	1.73
2.72	2.76	2.74	2.79	3.24	4.05	3.85	4.06	3.92	3.9	3.9	4.12	4.22	4.11	4.08	3.89	4.1	3.9	3.78	3.89	3.81	3.71	3.69	3.72
2.24	2.24	2.22	2.2	2.67	3.59	3.35	3.48	3.34	3.46	3.33	3.66	3.85	3.59	3.6	3.21	3.51	3.14	2.93	3.12	3	2.8	2.72	2.83
2.41	2.4	2.37	2.38	2.82	3.66	3.37	3.61	3.42	3.46	3.39	3.68	3.81	3.65	3.61	3.32	3.61	3.28	3.12	3.28	3.17	3.02	2.97	3.05
1.48	1.44	1.42	1.39	1.54	1.62	1.57	1.57	1.58	1.61	1.61	1.69	1.72	1.7	1.71	1.69	1.73	1.64	1.57	1.68	1.58	1.45	1.36	1.32
1.53	1.5	1.47	1.47	1.65	1.71	1.62	1.61	1.6	1.64	1.64	1.74	1.75	1.71	1.71	1.71	1.75	1.65	1.59	1.73	1.62	1.46	1.36	1.33
2.48	2.49	2.48	2.73	3.2	4.22	4.14	4.6	4.52	4														

Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
6.65	6.58	6.68	6.6	6.54	6.51	6.49	5.35	6.28	6.39	7.08	0.548	1.73
5.55	5.63	5.54	5.45	5.52	5.58	5.59	4.80	5.41	5.49	5.67	0.210	0.87
5.24	5.25	5.57	5.25	5.26	5.33	5.35	4.59	5.23	5.23	5.92	0.272	1.33
6.39	6.3	6.49	6.31	6.26	6.26	6.23	5.15	6.05	6.12	6.91	0.559	1.76
7.04	6.97	7.03	6.98	6.93	6.89	6.85	5.20	6.46	6.50	7.38	0.686	2.18
5.76	5.75	6.38	6.08	5.95	5.92	5.9	5.27	5.83	5.76	6.76	0.435	1.49
6.58	6.46	6.91	6.83	6.68	6.58	6.51	5.06	6.17	6.23	7.29	0.799	2.23
6.55	6.43	6.81	6.69	6.58	6.51	6.46	5.09	6.16	6.22	7.20	0.734	2.11
6.48	6.38	7.02	6.86	6.65	6.55	6.48	4.96	6.11	6.15	7.34	0.864	2.38
6.71	6.63	6.8	6.78	6.72	6.66	6.59	4.40	5.85	6.00	7.14	1.056	2.74
6.54	6.4	6.76	6.69	6.57	6.48	6.38	4.36	5.76	5.86	7.10	1.061	2.74
6.06	5.88	6.42	6.26	6.1	6.02	5.9	3.92	5.32	5.35	6.75	1.119	2.83
5.97	5.91	6.41	6.23	6.09	6.05	5.98	3.98	5.29	5.45	6.77	1.085	2.79
5.6	5.64	5.65	5.46	5.56	5.63	5.64	4.60	5.41	5.49	5.74	0.261	1.14
5.3	5.31	5.54	5.23	5.3	5.38	5.4	4.35	5.20	5.24	5.68	0.282	1.33
4.62	4.61	5	4.77	4.72	4.78	4.81	4.02	4.69	4.64	5.25	0.249	1.23
4.64	4.64	5.06	4.82	4.77	4.82	4.85	4.07	4.72	4.67	5.38	0.270	1.31
4.98	4.98	5.45	5.1	5.07	5.12	5.15	4.41	5.04	5.00	5.90	0.307	1.49
4.88	4.88	5.36	5.08	5.04	5.07	5.08	4.34	4.93	4.90	5.81	0.334	1.47
5.45	5.48	5.68	5.46	5.48	5.53	5.54	4.78	5.39	5.45	5.97	0.269	1.19
5.62	5.69	5.6	5.51	5.58	5.64	5.65	4.84	5.47	5.56	5.73	0.220	0.89
5.6	5.66	5.61	5.53	5.58	5.64	5.64	4.85	5.46	5.55	5.74	0.224	0.89
5.51	5.46	5.73	5.33	5.46	5.52	5.54	3.89	5.22	5.30	5.92	0.482	2.03
4.54	4.36	5.04	4.68	4.46	4.48	4.52	3.40	4.45	4.35	5.79	0.568	2.39
5.34	5.26	5.69	5.29	5.29	5.37	5.4	3.87	5.14	5.22	5.97	0.487	2.10
4.37	4.22	4.95	4.59	4.35	4.39	4.44	3.35	4.39	4.23	5.77	0.586	2.42
5.62	5.63	5.75	5.35	5.62	5.68	5.69	3.97	5.32	5.48	5.81	0.468	1.84
4.15	4.19	4.88	4.29	4.35	4.53	4.53	3.58	4.45	4.30	5.56	0.514	1.98
4.41	4.4	4.94	4.69	4.59	4.64	4.67	3.90	4.61	4.53	5.39	0.324	1.49
4.04	4.02	4.87	4.55	4.33	4.41	4.45	3.70	4.48	4.30	5.81	0.519	2.11
6.14	6.09	6.69	6.42	6.28	6.24	6.2	5.35	6.09	6.11	7.02	0.542	1.67
6.76	6.68	6.82	6.81	6.76	6.71	6.65	4.50	5.92	6.10	7.18	1.019	2.68
7.07	7	7.05	7	6.95	6.91	6.88	5.40	6.56	6.55	7.41	0.610	2.01
7.37	7.31	7.31	7.27	7.23	7.21	7.19	6.60	7.10	7.06	7.69	0.360	1.09
6.05	6.02	6.18	5.98	5.96	5.99	5.99	5.07	5.86	5.90	6.47	0.383	1.40
4.84	4.62	5.15	4.93	4.73	4.66	4.52	2.65	4.18	4.09	5.89	1.214	3.24
5.07	4.75	5.01	4.72	4.63	4.62	4.49	3.30	4.35	4.28	5.67	0.941	2.37
7.81	7.72	7.7	7.67	7.65	7.63	7.61	7.32	7.66	7.62	8.02	0.229	0.70
7.22	7.19	7.29	7.23	7.19	7.19	7.19	6.90	7.17	7.18	7.44	0.124	0.54
6.99	6.92	6.96	6.92	6.87	6.84	6.82	5.82	6.68	6.70	7.37	0.444	1.55
5.97	5.93	6.11	5.91	5.9	5.94	5.95	4.74	5.74	5.81	6.32	0.387	1.58
7.22	7.15	7.16	7.11	7.07	7.04	7.01	6.24	6.86	6.80	7.55	0.440	1.31
6.58	6.49	6.66	6.55	6.48	6.45	6.42	5.12	6.15	6.25	7.06	0.635	1.94
7.6	7.56	7.6	7.57	7.55	7.54	7.52	7.30	7.51	7.51	7.82	0.159	0.52
6.23	5.99	6.45	6.35	6.16	6.03	5.87	3.76	5.29	5.30	6.75	1.189	2.99
4.66	4.61	5.24	5.07	4.98	4.96	4.93	4.10	4.76	4.67	5.90	0.526	1.80
4.65	4.58	5.02	4.9	4.85	4.85	4.81	3.78	4.45	4.44	5.39	0.508	1.61
4.17	4.06	4.56	4.5	4.42	4.43	4.38	3.40	4.13	4.05	5.35	0.555	1.95
1.75	1.54	2.09	2.18	2.05	2.06	1.97	0.81	1.92	1.92	3.09	0.650	2.28
1.66	1.6	1.89	1.79	1.75	1.77	1.72	1.40	1.87	1.90	2.45	0.314	1.05
3.68	3.49	3.62	3.58	3.48	3.5	3.42	2.44	3.26	3.33	4.22	0.604	1.78
2.79	2.62	2.77	2.79	2.67	2.69	2.62	1.73	2.60	2.62	3.85	0.621	2.12
3.02	2.85	2.98	2.98	2.88	2.89	2.83	1.95	2.76	2.83	3.81	0.569	1.86
1.34	1.3	1.32	1.3	1.28	1.28	1.27	1.16	1.41	1.39	1.73	0.182	0.57
1.37	1.32	1.37	1.34	1.31	1.31	1.3	1.18	1.45	1.47	1.75	0.190	0.57
3.88	3.68	3.77	3.73	3.59	3.61	3.51	2.18	3.39	3.36	4.86	0.934	2.68
1.96	1.89	1.99	1.99	1.89	1.86	1.82	1.26	1.88	1.88	2.52	0.401	1.26
5.55	5.46	5.63	5.6	5.54	5.48	5.4	3.39	4.74	4.76	5.96	0.978	2.57

D13Rbc_Plan3_95_95ops_weekly

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21
D13Rbc_Plan3_95_95ops																						
3	20457	8.17	8.2	8.22	8.18	8.15	8.13	8.08	8.04	8.01	7.97	7.95	7.88	7.8	7.73	7.67	7.55	7.49	7.61	7.56	7.46	7.96
3	20737	7.25	7.24	7.22	7.14	7.08	7.01	6.89	6.8	6.69	6.64	6.7	6.57	6.39	6.37	6.31	6.05	6.21	6.99	6.81	6.45	7.29
3	20743	7.16	7.17	7.15	7.05	6.96	6.86	6.7	6.64	6.51	6.5	6.58	6.44	6.24	6.21	6.16	5.88	6.06	6.93	6.69	6.32	7.3
3	20726	8.03	8.05	8.06	8.01	7.98	7.96	7.91	7.88	7.84	7.81	7.8	7.73	7.65	7.59	7.53	7.42	7.36	7.51	7.47	7.37	7.86
3	20980	7.97	8.02	8.04	8.01	7.99	7.98	7.93	7.9	7.86	7.84	7.83	7.75	7.68	7.62	7.56	7.45	7.39	7.49	7.44	7.35	7.86
3	21277	6.95	6.92	6.89	6.74	6.67	6.59	6.48	6.46	6.37	6.41	6.44	6.32	6.2	6.22	6.17	6.02	6.25	6.72	6.45	6.22	7.22
3	21529	7.45	7.43	7.4	7.32	7.28	7.23	7.17	7.13	7.08	7.06	7.07	7.01	6.92	6.87	6.83	6.69	6.72	7.02	6.94	6.76	7.34
3	21259	7.61	7.6	7.58	7.51	7.47	7.44	7.38	7.35	7.3	7.28	7.28	7.22	7.14	7.09	7.04	6.93	6.9	7.15	7.12	6.98	7.49
3	21891	7.28	7.24	7.2	7.12	7.06	7	6.92	6.88	6.82	6.81	6.83	6.75	6.64	6.58	6.52	6.36	6.52	6.91	6.72	6.48	7.22
3	21971	7.38	7.35	7.33	7.25	7.21	7.17	7.1	7.06	7.01	6.99	7	6.93	6.86	6.79	6.74	6.58	6.53	6.79	6.7	6.53	7.15
3	22335	7.22	7.17	7.13	7.04	6.98	6.93	6.85	6.8	6.75	6.72	6.74	6.67	6.57	6.47	6.37	6.13	6.25	6.65	6.47	6.23	6.99
3	23325	6.9	6.81	6.75	6.66	6.59	6.52	6.43	6.36	6.25	6.27	6.22	6.06	5.88	5.8	5.75	5.56	5.64	6.14	6	5.74	6.71
3	23331	6.81	6.72	6.67	6.55	6.48	6.41	6.3	6.24	6.14	6.21	6.2	6.06	5.92	5.91	5.89	5.81	5.92	6.28	6.15	5.93	6.83
3	20297	7.35	7.37	7.36	7.28	7.2	7.12	7.03	6.96	6.91	6.86	6.95	6.91	6.73	6.55	6.46	6.21	6.28	6.89	6.8	6.52	7.25
3	20477	7.28	7.31	7.3	7.2	7.11	7.02	6.91	6.86	6.77	6.78	6.88	6.74	6.55	6.46	6.4	6.15	6.25	6.92	6.79	6.45	7.34
3	20838	7.1	7.14	7.13	7.01	6.92	6.83	6.72	6.7	6.63	6.67	6.81	6.63	6.43	6.37	6.34	6.11	6.19	6.8	6.69	6.31	7.49
3	21017	6.94	6.98	6.96	6.83	6.74	6.65	6.54	6.53	6.44	6.49	6.62	6.45	6.26	6.21	6.18	5.94	6.07	6.7	6.54	6.18	7.42
3	20925	7	7.02	6.99	6.85	6.76	6.65	6.52	6.49	6.38	6.41	6.5	6.35	6.16	6.14	6.09	5.82	6.01	6.83	6.55	6.19	7.32
3	21105	6.61	6.63	6.61	6.44	6.37	6.27	6.16	6.15	6.05	6.1	6.18	6.04	5.87	5.87	5.83	5.59	5.79	6.49	6.23	5.91	7.14
3	21007	7.07	7.05	7.02	6.92	6.81	6.7	6.53	6.48	6.36	6.37	6.43	6.29	6.12	6.12	6.06	5.8	6.04	6.83	6.55	6.19	7.19
3	20469	7.23	7.23	7.22	7.14	7.07	6.99	6.88	6.78	6.62	6.54	6.6	6.46	6.26	6.22	6.17	5.87	5.98	6.89	6.84	6.43	7.23
3	21094	7.12	7.1	7.07	6.97	6.87	6.77	6.6	6.56	6.45	6.46	6.5	6.37	6.21	6.21	6.15	5.92	6.16	6.83	6.58	6.25	7.2
3	19761	7.37	7.39	7.36	7.27	7.16	7.07	6.97	6.92	6.88	6.85	6.97	6.87	6.69	6.55	6.51	6.3	6.15	6.65	6.74	6.46	7.03
3	19766	6.83	6.82	6.75	6.63	6.49	6.34	6.17	6.05	5.98	5.9	5.97	5.87	5.63	5.42	5.31	5.08	5	5.58	5.62	5.37	6.41
3	20031	7.34	7.37	7.34	7.25	7.15	7.06	6.96	6.9	6.87	6.82	6.92	6.85	6.67	6.52	6.46	6.2	6.06	6.54	6.69	6.44	7.03
3	20036	6.66	6.67	6.6	6.4	6.21	5.99	5.8	5.77	5.71	5.66	5.73	5.6	5.36	5.2	5.13	4.89	4.88	5.6	5.6	5.3	6.68
3	20390	7.32	7.36	7.34	7.24	7.13	7.03	6.93	6.91	6.85	6.88	7.03	6.84	6.65	6.56	6.54	6.32	6.34	6.86	6.83	6.44	7.25
3	20396	5.56	5.65	5.67	5.41	5.26	5.15	5.27	5.46	5.18	5.19	5.19	5.02	4.88	4.9	4.86	4.78	5.03	5.72	5.54	5.13	6.41
3	20931	6.76	6.84	6.83	6.67	6.57	6.46	6.37	6.39	6.31	6.37	6.5	6.33	6.11	6.07	6.06	5.82	5.95	6.67	6.5	6.1	7.63
3	20936	5.92	6.03	6.06	5.79	5.65	5.52	5.47	5.62	5.48	5.53	5.62	5.45	5.22	5.23	5.25	5	5.24	6.27	5.98	5.51	7.43
3	21271	7.39	7.37	7.35	7.27	7.21	7.16	7.09	7.05	6.98	6.96	6.99	6.9	6.77	6.74	6.67	6.52	6.69	7.05	6.85	6.66	7.38
3	21791	7.44	7.42	7.4	7.33	7.29	7.26	7.2	7.16	7.11	7.09	7.09	7.03	6.96	6.9	6.85	6.73	6.68	6.92	6.91	6.76	7.27
3	20890	8.03	8.09	8.12	8.09	8.07	8.06	8.01	7.98	7.95	7.92	7.91	7.83	7.75	7.69	7.63	7.52	7.46	7.56	7.5	7.41	7.91
3	19990	8.67	8.78	8.82	8.78	8.75	8.74	8.67	8.62	8.58	8.53	8.49	8.39	8.3	8.21	8.14	8.02	7.92	7.96	7.88	7.79	8.29
3	20378	8.17	8.21	8.22	8.17	8.14	8.11	8.06	8.02	7.98	7.94	7.92	7.85	7.77	7.7	7.63	7.51	7.44	7.56	7.51	7.41	7.91
3	24577	6.08	6.02	5.98	5.9	5.83	5.73	5.71	5.65	5.4	5.38	5.38	5.08	4.78	4.61	4.58	4.24	4.08	4.45	4.71	4.57	5.77
3	24587	5.49	5.38	5.29	5.1	5.04	4.89	4.87	4.76	4.57	4.69	4.77	4.55	4.33	4.27	4.29	4.05	3.97	4.48	4.74	4.51	5.67
3	19177	9.91	9.95	9.92	9.83	9.75	9.66	9.51	9.41	9.35	9.28	9.21	9.08	8.96	8.88	8.79	8.61	8.46	8.41	8.35	8.25	8.72
3	19213	8.74	8.8	8.77	8.71	8.64	8.58	8.49	8.42	8.38	8.31	8.3	8.21	8.09	7.99	7.91	7.78	7.66	7.68	7.71	7.62	8.11
3	20357	8.26	8.32	8.35	8.31	8.29	8.28	8.22	8.19	8.16	8.12	8.1	8.01	7.93	7.86	7.8	7.68	7.61	7.71	7.65	7.55	8.05
3	20206	8.02	8.06	8.05	8	7.94	7.89	7.82	7.77	7.73	7.69	7.7	7.64	7.54	7.43	7.35	7.22	7.14	7.27	7.27	7.17	7.66
3	20350	8.35	8.44	8.48	8.45	8.43	8.43	8.37	8.33	8.3	8.26	8.24	8.15	8.06	7.99	7.92	7.8	7.72	7.8	7.72	7.63	8.13
3	20900	7.95	7.96	7.97	7.92	7.89	7.87	7.82	7.79	7.75	7.73	7.71	7.65	7.57	7.52	7.46	7.35	7.3	7.45	7.41	7.31	7.81
3	19274	9.08	9.17	9.17	9.11	9.06	9.01	8.92	8.85	8.81	8.74	8.7	8.59	8.48	8.39	8.32	8.19	8.06	8.05	8.01	7.92	8.42
3	23229	6.94	6.89	6.86	6.77	6.72	6.67	6.61	6.56	6.49	6.46	6.47	6.34	6.12	5.97	5.85	5.58	5.5	5.97	5.92	5.7	6.69
3	21914	5.55	5.58	5.57	5.36	5.33	5.24	5.14	5.15	5.08	5.19	5.27	5.14	5.01	5.05	5.05	4.84	5.05	5.77	5.57	5.25	7.01
3	23881	5.33	5.32	5.31	5.13	5.14	5.05	4.98	4.96	4.89	5.01	5.04	4.92	4.8	4.79	4.8	4.62	4.7	5.17	5.14	4.93	6.2
3	23894	4.83	4.86	4.87	4.68	4.72	4.62	4.54	4.54	4.45	4.58	4.67	4.53	4.38	4.37	4.4	4.19	4.27	4.92	4.99	4.65	6.65
3	24628	2.42	2.39	2.43	2.28	2.39	2.28	2.21	2.2	2.11	2.22	2.31	2.19	2.08	2.05	2.1	1.91	1.99	2.61	2.9	2.47	4.44
3	24900	1.85	1.86	1.89	1.81	1.89	1.79	1.8	1.99	2	2.12	2.1	2.05	2.01	2.06	2.06	1.99	2.1	2.35	2.29	2.14	3.43
3	25681	3.82	3.77	3.76	3.64	3.7	3.61	3.65	3.56	3.45	3.55	3.64	3.52	3.35	3.27	3.32	3.1	3.06	3.55	3.89	3.67	4.96
3	25694	3.05	3	3.01	2.82	2.91	2.82	2.79	2.74	2.61	2.73	2.92	2.78	2.58	2.49	2.54	2.34	2.32	2.87	3.44	3.04	4.98
3	25868	3.24	3.19	3.2	3.04	3.12	3.03	3.04	2.97	2.85	2.97	3.1	2.97	2.8	2.72	2.76	2.55	2.54	3.04	3.5	3.16	4.69
3	26704	1.52	1.45	1.44	1.37	1.34	1.31	1.29	1.34	1.37	1.42	1.49	1.45	1.4	1.4	1.41	1.36	1.37	1.48	1.5	1.45	1.98
3	26616	1.51	1.44	1.44	1.37	1.36	1.32	1.31	1.39	1.42	1.52	1.58	1.51	1.45	1.48	1.46	1.41	1.48	1.57	1.56	1.51	2.06
3	25660	4.76	4.59	4.48	4.24	4.2	4.05	4.21	4.1	3.85	3.97	4.07	3.82	3.56	3.45	3.46	3.2	3.12	3.5	3.95	3.78	4.92
3	26763	2.37	2.32	2.3	2.23	2.21	2.18	2.14	2.11	2.06	2.08	2.17	2.07	1.88	1.83	1.79	1.65	1.69	2.11	2.29	2.12	2.68
3	23403	6.4	6.41	6.41	6.36	6.33	6															

D13Rbc_Plan3_95_95ops_weekly

Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46
8.39	8.49	8.45	8.79	9.14	9	8.87	8.81	8.73	8.82	8.81	8.68	8.67	8.73	8.69	8.71	8.64	8.59	8.62	8.65	8.9	9.03	8.95	8.91	8.8
7.8	7.86	7.74	7.98	8.29	8.1	7.9	7.76	7.65	7.7	7.71	7.59	7.59	7.67	7.62	7.64	7.56	7.51	7.53	7.52	7.76	7.92	7.82	7.72	7.58
7.8	7.81	7.67	7.92	8.25	8.03	7.81	7.66	7.54	7.6	7.62	7.48	7.5	7.6	7.54	7.56	7.47	7.41	7.45	7.44	7.7	7.86	7.74	7.63	7.48
8.3	8.4	8.36	8.69	9.04	8.9	8.77	8.7	8.63	8.72	8.71	8.58	8.56	8.61	8.56	8.58	8.51	8.46	8.49	8.5	8.77	8.89	8.81	8.76	8.65
8.28	8.36	8.32	8.63	8.95	8.8	8.68	8.64	8.58	8.7	8.66	8.53	8.48	8.53	8.49	8.52	8.44	8.4	8.43	8.47	8.75	8.84	8.76	8.72	8.61
7.56	7.54	7.43	7.73	8	7.74	7.57	7.47	7.42	7.51	7.5	7.36	7.39	7.46	7.39	7.43	7.34	7.3	7.32	7.3	7.62	7.66	7.51	7.43	7.31
7.76	7.85	7.82	8.12	8.38	8.18	8.05	7.99	7.94	8.04	8.02	7.9	7.89	7.94	7.9	7.93	7.85	7.81	7.82	7.81	8.07	8.14	8.02	7.97	7.87
7.93	8.02	7.98	8.29	8.59	8.41	8.28	8.21	8.15	8.25	8.24	8.11	8.09	8.14	8.09	8.11	8.03	7.99	8.01	8	8.27	8.36	8.25	8.19	8.09
7.59	7.66	7.64	7.91	8.13	7.9	7.78	7.73	7.7	7.79	7.77	7.66	7.65	7.71	7.68	7.71	7.63	7.59	7.6	7.59	7.83	7.86	7.76	7.71	7.61
7.61	7.74	7.75	8.06	8.35	8.16	8.03	7.97	7.91	8.04	8.02	7.88	7.85	7.9	7.87	7.91	7.82	7.77	7.77	7.77	8.04	8.14	8.02	7.95	7.84
7.45	7.57	7.57	7.86	8.1	7.89	7.77	7.71	7.66	7.79	7.77	7.63	7.61	7.67	7.65	7.69	7.6	7.55	7.55	7.55	7.81	7.88	7.76	7.69	7.57
7.14	7.24	7.24	7.5	7.7	7.48	7.39	7.32	7.26	7.4	7.4	7.25	7.22	7.31	7.29	7.34	7.24	7.2	7.2	7.19	7.44	7.52	7.4	7.31	7.18
7.21	7.21	7.15	7.28	7.35	7.22	7.19	7.1	7.05	7.21	7.18	7.03	7.05	7.16	7.12	7.17	7.05	7.01	7.04	7.02	7.22	7.23	7.17	7.1	6.97
7.65	7.63	7.51	7.8	8.14	7.83	7.58	7.48	7.42	7.5	7.51	7.41	7.49	7.62	7.56	7.56	7.46	7.42	7.46	7.49	7.73	7.85	7.69	7.56	7.44
7.72	7.66	7.51	7.81	8.16	7.84	7.6	7.49	7.42	7.51	7.52	7.4	7.47	7.6	7.53	7.54	7.44	7.4	7.44	7.46	7.71	7.85	7.67	7.55	7.42
7.6	7.42	7.23	7.75	8.04	7.48	7.28	7.24	7.24	7.34	7.28	7.2	7.39	7.43	7.32	7.32	7.23	7.27	7.27	7.3	7.73	7.64	7.39	7.28	7.19
7.55	7.37	7.15	7.68	7.97	7.41	7.21	7.13	7.13	7.25	7.16	7.07	7.28	7.28	7.19	7.19	7.1	7.14	7.12	7.16	7.63	7.54	7.27	7.14	7.04
7.78	7.7	7.52	7.8	8.16	7.88	7.64	7.49	7.39	7.48	7.48	7.33	7.39	7.49	7.4	7.42	7.32	7.29	7.31	7.31	7.63	7.76	7.6	7.46	7.3
7.51	7.37	7.11	7.51	7.91	7.52	7.24	7.05	6.96	7.1	7.04	6.88	7.02	7.08	6.98	7.01	6.88	6.89	6.88	6.89	7.37	7.4	7.15	6.99	6.82
7.72	7.74	7.61	7.86	8.19	7.97	7.76	7.62	7.51	7.58	7.59	7.45	7.46	7.55	7.48	7.5	7.42	7.37	7.4	7.37	7.66	7.8	7.68	7.57	7.43
7.79	7.86	7.73	7.97	8.29	8.08	7.87	7.72	7.6	7.65	7.65	7.53	7.55	7.64	7.59	7.61	7.52	7.46	7.49	7.49	7.72	7.89	7.8	7.69	7.54
7.72	7.74	7.62	7.88	8.2	7.99	7.79	7.66	7.57	7.65	7.66	7.52	7.52	7.61	7.54	7.56	7.48	7.43	7.46	7.43	7.72	7.85	7.72	7.62	7.49
7.39	7.43	7.38	7.72	7.97	7.64	7.46	7.41	7.38	7.43	7.42	7.37	7.49	7.63	7.55	7.54	7.47	7.44	7.48	7.51	7.77	7.78	7.62	7.51	7.43
7.16	7.29	7.21	7.54	7.88	7.62	7.32	7.13	6.99	7.03	7.05	6.95	7.06	7.28	7.26	7.26	7.14	7.02	7.08	7.11	7.36	7.51	7.35	7.17	6.97
7.49	7.5	7.42	7.75	8.05	7.73	7.52	7.44	7.4	7.47	7.47	7.39	7.5	7.65	7.58	7.57	7.49	7.44	7.49	7.52	7.77	7.84	7.67	7.55	7.44
7.39	7.38	7.2	7.58	7.96	7.64	7.27	7.08	6.94	7.03	7.07	6.91	7.08	7.31	7.23	7.25	7.07	6.99	7.05	7.1	7.39	7.57	7.35	7.11	6.82
7.4	7.35	7.26	7.62	7.86	7.42	7.3	7.29	7.31	7.37	7.35	7.3	7.44	7.54	7.42	7.41	7.36	7.36	7.39	7.41	7.73	7.67	7.46	7.38	7.32
6.29	6.15	5.92	6.57	6.41	5.99	5.89	5.87	5.81	5.99	5.94	5.86	6.07	5.99	5.96	5.95	5.84	5.89	5.92	5.93	6.28	6.21	5.93	5.8	5.58
7.91	7.49	7.03	7.84	8.2	7.24	6.95	6.91	6.91	7.14	7.11	6.91	7.21	7.25	7.07	7.09	6.9	6.97	7.06	7.07	7.75	7.65	7.11	6.91	6.77
8.2	7.43	6.59	7.62	8.34	6.82	6.33	6.26	6.19	6.6	6.69	6.26	6.65	6.74	6.44	6.52	6.17	6.26	6.5	6.46	7.39	7.4	6.52	6.17	5.89
7.79	7.85	7.78	8.07	8.35	8.14	8	7.92	7.87	7.95	7.94	7.82	7.82	7.88	7.83	7.85	7.77	7.73	7.75	7.73	8	8.07	7.95	7.9	7.79
7.7	7.81	7.82	8.13	8.42	8.24	8.11	8.05	7.99	8.12	8.1	7.96	7.92	7.98	7.94	7.98	7.89	7.84	7.85	7.85	8.12	8.21	8.1	8.04	7.92
8.34	8.42	8.38	8.68	9.01	8.86	8.74	8.7	8.64	8.76	8.72	8.59	8.54	8.59	8.56	8.58	8.5	8.46	8.5	8.55	8.82	8.91	8.83	8.8	8.69
8.72	8.79	8.74	9.03	9.35	9.2	9.07	9.04	8.97	9.1	9.05	8.93	8.9	9.01	9.03	9.05	8.99	8.95	9.03	9.14	9.41	9.45	9.38	9.36	9.26
8.35	8.44	8.41	8.76	9.11	8.96	8.82	8.74	8.66	8.75	8.74	8.62	8.63	8.71	8.67	8.7	8.62	8.56	8.59	8.61	8.86	9.01	8.93	8.88	8.77
6.35	6.4	6.46	6.74	7.02	6.83	6.72	6.62	6.55	6.66	6.66	6.54	6.49	6.59	6.61	6.63	6.56	6.62	6.67	6.63	6.83	6.96	6.83	6.71	6.56
6.14	6.1	6.08	6.29	6.55	6.31	6.18	6.14	6.13	6.31	6.34	6.22	6.17	6.28	6.29	6.33	6.24	6.25	6.26	6.24	6.47	6.62	6.46	6.32	6.15
8.97	8.94	8.86	9.13	9.42	9.27	9.19	9.19	9.17	9.28	9.29	9.24	9.31	9.66	9.79	9.79	9.74	9.67	9.74	9.86	10.14	10.2	10.17	10.12	9.95
8.49	8.48	8.42	8.74	9.02	8.82	8.64	8.58	8.55	8.64	8.63	8.56	8.65	8.85	8.86	8.91	8.84	8.79	8.85	8.93	9.19	9.23	9.14	9.07	8.97
8.49	8.57	8.54	8.86	9.21	9.07	8.94	8.89	8.82	8.93	8.89	8.76	8.74	8.8	8.77	8.79	8.72	8.67	8.72	8.77	9.03	9.13	9.06	9.03	8.92
8.11	8.18	8.14	8.49	8.83	8.63	8.45	8.36	8.29	8.38	8.38	8.27	8.33	8.44	8.4	8.43	8.34	8.28	8.32	8.35	8.6	8.74	8.63	8.56	8.44
8.56	8.64	8.59	8.89	9.23	9.08	8.96	8.93	8.86	8.99	8.94	8.8	8.76	8.83	8.82	8.84	8.77	8.73	8.79	8.87	9.14	9.21	9.14	9.12	9.01
8.24	8.33	8.3	8.62	8.96	8.81	8.69	8.62	8.55	8.65	8.63	8.5	8.48	8.53	8.47	8.49	8.42	8.38	8.4	8.41	8.68	8.79	8.71	8.66	8.56
8.82	8.83	8.76	9.05	9.36	9.18	9.04	8.99	8.94	9.06	9.03	8.94	8.97	9.16	9.23	9.26	9.2	9.16	9.24	9.36	9.62	9.64	9.57	9.54	9.43
7.12	7.23	7.3	7.59	7.91	7.72	7.6	7.53	7.47	7.61	7.6	7.45	7.4	7.47	7.46	7.51	7.41	7.39	7.39	7.39	7.62	7.76	7.64	7.55	7.41
7.38	6.93	6.33	7.2	7.44	6.4	6.12	5.95	5.92	6.23	6.14	5.81	6.09	6.15	5.98	6.15	5.89	5.89	5.95	5.93	6.83	6.64	6.02	5.77	5.55
6.04	5.88	5.66	6.28	6.13	5.64	5.63	5.51	5.53	5.72	5.6	5.42	5.58	5.61	5.55	5.66	5.48	5.5	5.49	5.5	5.97	5.86	5.53	5.43	5.31
6.73	6.19	5.68	6.61	6.62	5.58	5.51	5.33	5.26	5.66	5.51	5.13	5.39	5.52	5.34	5.63	5.24	5.26	5.33	5.31	6.11	6.04	5.3	5.03	4.8
4.31	3.72	3.19	4.09	3.95	3.07	3.3	3.07	2.89	3.22	3.26	2.97	3.23	3.11	2.95	3.44	3.05	3.05	3.19	3.12	3.46	3.56	2.82	2.51	2.28
2.73	2.58	2.28	3.11	2.6	2.25	2.56	2.27	2.29	2.44	2.4	2.26	2.53	2.26	2.3	2.55	2.28	2.35	2.35	2.38	2.52	2.42	1.98	1.89	1.83
5.02	4.73	4.45	4.99	4.91	4.44	4.34	4.21	4.21	4.47	4.39	4.27	4.38	4.45	4.33	4.41	4.27	4.38	4.35	4.31	4.83	4.8	4.33	4.14	3.96
5.18	4.79	4.33	5.01	4.89	4.17	4.01	3.78	3.63	4.09	4.05	3.78	3.92	4.08	3.83	4.09	3.75	3.9	3.96	3.9	4.64	4.75	3.86	3.39	3.06
4.75	4.53	4.15	4.69	4.56	4.07	3.91	3.72	3.66	4.01	3.95	3.77	3.91	4.01	3.81	3.97	3.72	3.89	3.88	3.83	4.48	4.48	3.81	3.49	3.25
2.34	2.35																							

D13Rbc_Plan3_95_95ops_weekly

Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
8.69	8.59	8.5	8.41	8.33	8.25	7.46	8.37	8.47	9.14	0.458	1.68
7.45	7.35	7.27	7.2	7.14	7.07	6.05	7.29	7.40	8.29	0.535	2.24
7.34	7.23	7.14	7.07	6.98	6.88	5.88	7.19	7.32	8.25	0.567	2.37
8.54	8.44	8.35	8.27	8.2	8.12	7.36	8.24	8.36	9.04	0.464	1.68
8.5	8.4	8.31	8.23	8.15	8.08	7.35	8.22	8.32	8.95	0.435	1.60
7.19	7.08	7	6.92	6.86	6.78	6.02	7.04	7.21	8.00	0.518	1.98
7.76	7.67	7.6	7.53	7.47	7.41	6.69	7.56	7.72	8.38	0.454	1.69
7.99	7.89	7.82	7.75	7.68	7.62	6.90	7.76	7.91	8.59	0.456	1.69
7.5	7.41	7.35	7.29	7.23	7.17	6.36	7.33	7.46	8.13	0.459	1.77
7.73	7.63	7.56	7.48	7.41	7.35	6.53	7.50	7.62	8.35	0.495	1.82
7.46	7.36	7.3	7.23	7.17	7.1	6.13	7.25	7.41	8.10	0.513	1.97
7.06	6.96	6.89	6.83	6.76	6.69	5.56	6.83	7.01	7.70	0.584	2.14
6.85	6.78	6.74	6.69	6.64	6.57	5.81	6.73	6.84	7.35	0.468	1.54
7.34	7.28	7.24	7.17	7.08	7	6.21	7.27	7.37	8.14	0.412	1.93
7.32	7.25	7.2	7.12	7.02	6.91	6.15	7.23	7.33	8.16	0.444	2.01
7.1	7.07	7	6.9	6.81	6.71	6.11	7.07	7.17	8.04	0.419	1.93
6.95	6.91	6.84	6.75	6.67	6.58	5.94	6.93	7.01	7.97	0.445	2.03
7.14	7.03	6.94	6.85	6.77	6.66	5.82	7.05	7.22	8.16	0.561	2.34
6.68	6.6	6.54	6.46	6.41	6.31	5.59	6.69	6.75	7.91	0.537	2.32
7.29	7.18	7.09	7.01	6.93	6.84	5.80	7.11	7.24	8.19	0.591	2.39
7.4	7.29	7.21	7.14	7.06	6.99	5.87	7.24	7.35	8.29	0.569	2.42
7.36	7.25	7.17	7.1	7.03	6.95	5.92	7.17	7.31	8.20	0.573	2.28
7.35	7.29	7.22	7.12	7.02	6.93	6.15	7.22	7.37	7.97	0.400	1.82
6.79	6.62	6.49	6.37	6.22	6.05	5.00	6.63	6.83	7.88	0.722	2.88
7.35	7.28	7.22	7.12	7.02	6.92	6.06	7.22	7.36	8.05	0.435	1.99
6.56	6.35	6.18	6.03	5.84	5.68	4.88	6.52	6.68	7.96	0.814	3.08
7.27	7.25	7.19	7.08	6.97	6.87	6.32	7.17	7.30	7.86	0.346	1.54
5.35	5.2	5.13	5.06	4.95	4.93	4.78	5.61	5.70	6.57	0.475	1.79
6.66	6.63	6.57	6.49	6.41	6.32	5.82	6.82	6.84	8.20	0.525	2.38
5.67	5.56	5.51	5.46	5.38	5.33	5.00	6.17	6.12	8.34	0.780	3.34
7.69	7.6	7.53	7.46	7.4	7.34	6.52	7.49	7.65	8.35	0.470	1.83
7.81	7.71	7.64	7.57	7.5	7.43	6.68	7.59	7.71	8.42	0.473	1.74
8.58	8.47	8.39	8.3	8.23	8.15	7.41	8.28	8.39	9.01	0.432	1.60
9.14	9.02	8.92	8.82	8.73	8.65	7.79	8.78	8.82	9.45	0.415	1.66
8.65	8.55	8.46	8.38	8.29	8.21	7.41	8.34	8.43	9.11	0.457	1.70
6.42	6.3	6.21	6.12	6.04	5.96	4.08	6.02	6.33	7.02	0.794	2.94
5.99	5.81	5.66	5.47	5.3	5.34	3.97	5.58	5.90	6.62	0.788	2.65
9.77	9.61	9.51	9.4	9.3	9.21	8.25	9.37	9.33	10.20	0.490	1.95
8.85	8.73	8.64	8.55	8.45	8.37	7.62	8.55	8.64	9.23	0.402	1.61
8.81	8.7	8.61	8.52	8.44	8.36	7.55	8.48	8.56	9.21	0.446	1.66
8.33	8.24	8.16	8.07	7.98	7.89	7.14	8.07	8.15	8.83	0.436	1.69
8.9	8.79	8.69	8.6	8.52	8.44	7.63	8.57	8.62	9.23	0.423	1.60
8.45	8.35	8.26	8.18	8.11	8.04	7.30	8.16	8.28	8.96	0.458	1.66
9.3	9.17	9.06	8.96	8.87	8.78	7.92	8.93	9.02	9.64	0.414	1.72
7.28	7.17	7.09	7.02	6.94	6.86	5.50	6.98	7.15	7.91	0.633	2.41
5.4	5.37	5.37	5.35	5.35	5.3	4.84	5.79	5.68	7.44	0.648	2.60
5.25	5.24	5.27	5.23	5.22	5.15	4.62	5.37	5.33	6.28	0.391	1.66
4.68	4.68	4.72	4.68	4.68	4.64	4.19	5.13	4.96	6.73	0.654	2.54
2.09	2.1	2.1	2.08	2.08	2.09	1.91	2.76	2.56	4.44	0.651	2.53
1.79	1.83	1.81	1.81	1.81	1.82	1.79	2.19	2.13	3.43	0.345	1.64
3.87	3.82	3.78	3.7	3.64	3.62	3.06	4.03	3.93	5.02	0.513	1.96
2.89	2.85	2.85	2.8	2.76	2.72	2.32	3.47	3.23	5.18	0.794	2.86
3.14	3.12	3.11	3.05	3.01	2.97	2.54	3.52	3.37	4.75	0.607	2.21
1.49	1.41	1.36	1.33	1.31	1.29	1.29	1.69	1.57	2.35	0.329	1.06
1.47	1.39	1.35	1.33	1.32	1.32	1.31	1.73	1.59	2.41	0.335	1.10
5.17	5.04	4.89	4.66	4.47	4.28	3.12	4.77	5.11	5.74	0.775	2.62
2.38	2.32	2.28	2.24	2.2	2.16	1.65	2.42	2.42	3.11	0.353	1.46
6.69	6.59	6.53	6.46	6.4	6.34	5.63	6.50	6.57	7.17	0.408	1.54

D13Rbc_Plan3_89_95ops_weekly

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20
D13Rbc_Plan3_89_95ops																					
3	20457	6.58	6.48	6.35	6.36	6.22	6.07	5.91	5.8	5.72	5.68	5.58	5.45	5.35	5.69	5.82	5.92	5.91	6.11	5.94	6.08
3	20737	4.63	4.59	4.58	4.93	4.76	4.63	4.55	4.58	4.61	4.64	4.6	4.52	4.5	4.77	4.8	4.89	4.81	5.06	4.87	4.98
3	20743	4.57	4.55	4.56	4.87	4.69	4.59	4.53	4.57	4.6	4.63	4.58	4.52	4.51	4.75	4.73	4.83	4.73	4.94	4.75	4.84
3	20726	6.14	5.99	5.85	5.99	5.79	5.62	5.46	5.36	5.29	5.25	5.15	5.01	4.91	5.22	5.38	5.49	5.49	5.74	5.59	5.73
3	20980	6.38	6.32	6.23	6.22	6.1	5.82	5.61	5.46	5.35	5.27	5.14	4.98	4.84	5.12	5.35	5.38	5.4	5.59	5.46	5.58
3	21277	4.62	4.47	4.44	4.75	4.61	4.49	4.39	4.37	4.37	4.36	4.31	4.22	4.16	4.3	4.36	4.53	4.51	4.83	4.7	4.81
3	21529	4.86	4.72	4.62	4.87	4.74	4.59	4.45	4.4	4.39	4.37	4.3	4.21	4.15	4.28	4.37	4.5	4.55	4.83	4.76	4.87
3	21259	5.15	5	4.88	5.12	4.97	4.81	4.66	4.6	4.57	4.54	4.47	4.36	4.28	4.46	4.59	4.7	4.74	5.04	4.95	5.07
3	21891	4.63	4.48	4.4	4.66	4.54	4.41	4.29	4.26	4.25	4.23	4.18	4.09	4.04	4.14	4.21	4.35	4.39	4.67	4.59	4.67
3	21971	4.73	4.61	4.5	4.69	4.57	4.42	4.29	4.22	4.2	4.18	4.13	4.03	3.97	4.08	4.14	4.22	4.3	4.55	4.53	4.6
3	22335	4.53	4.4	4.31	4.53	4.42	4.29	4.16	4.13	4.11	4.1	4.05	3.96	3.92	3.99	4.04	4.15	4.22	4.47	4.43	4.49
3	23325	4.3	4.18	4.09	4.32	4.21	4.08	3.97	3.94	3.93	3.93	3.88	3.8	3.76	3.8	3.82	3.94	4	4.23	4.2	4.21
3	23331	4.24	4.12	4.06	4.33	4.23	4.1	4.01	4.01	4	4	3.96	3.89	3.85	3.9	3.92	4.06	4.09	4.32	4.24	4.26
3	20297	5.28	5.27	5.28	5.31	5.11	5.17	5.19	5.23	5.26	5.3	5.24	5.23	5.2	5.33	5.09	5.05	4.79	4.9	4.68	4.6
3	20477	4.99	4.98	4.99	5.08	4.91	4.92	4.92	4.96	4.98	5.02	4.96	4.94	4.93	5.06	4.9	4.91	4.71	4.84	4.65	4.62
3	20838	4.53	4.53	4.54	4.63	4.56	4.53	4.52	4.54	4.54	4.56	4.54	4.52	4.51	4.59	4.54	4.6	4.5	4.61	4.53	4.5
3	21017	4.48	4.46	4.48	4.62	4.54	4.49	4.47	4.49	4.49	4.5	4.48	4.45	4.44	4.53	4.5	4.59	4.49	4.65	4.54	4.54
3	20925	4.52	4.49	4.51	4.78	4.62	4.53	4.48	4.52	4.54	4.56	4.52	4.47	4.45	4.63	4.62	4.74	4.63	4.86	4.69	4.77
3	21105	4.44	4.39	4.41	4.68	4.55	4.46	4.41	4.43	4.44	4.46	4.42	4.37	4.34	4.5	4.5	4.63	4.54	4.78	4.62	4.7
3	21007	4.56	4.51	4.52	4.88	4.72	4.59	4.51	4.54	4.58	4.6	4.56	4.49	4.46	4.69	4.75	4.86	4.78	5.07	4.88	5.01
3	20469	4.6	4.59	4.59	4.91	4.73	4.61	4.56	4.59	4.64	4.67	4.63	4.57	4.55	4.84	4.81	4.87	4.77	4.97	4.75	4.83
3	21094	4.56	4.51	4.51	4.89	4.72	4.59	4.51	4.54	4.58	4.6	4.56	4.49	4.45	4.69	4.76	4.87	4.79	5.1	4.91	5.03
3	19761	5.26	5.26	5.24	5.18	5.06	5.14	5.16	5.18	5.2	5.25	5.19	5.19	5.16	5.23	4.99	4.96	4.65	4.79	4.58	4.45
3	19766	4.06	4.06	4.07	4.21	4.04	3.98	3.95	3.98	4.02	4.09	4.07	4.02	4.05	4.32	4.18	4.14	4.09	4.13	3.92	3.88
3	20031	5.11	5.11	5.11	5.12	4.95	4.99	4.99	5.02	5.04	5.09	5.04	5.03	5.02	5.14	4.92	4.89	4.66	4.76	4.55	4.45
3	20036	3.96	3.98	4.01	4.2	4	3.9	3.87	3.9	3.94	4.01	4.01	3.96	3.97	4.21	4.09	4.07	4	4.09	3.88	3.85
3	20390	5.52	5.52	5.47	5.35	5.27	5.39	5.42	5.43	5.46	5.49	5.43	5.44	5.37	5.36	5.09	5.08	4.66	4.88	4.66	4.52
3	20396	4.26	4.34	4.37	4.44	4.11	4.1	4.06	4.11	4.22	4.34	4.31	4.27	4.08	4.14	3.97	3.99	3.85	4.05	3.88	3.92
3	20931	4.36	4.39	4.43	4.6	4.47	4.41	4.39	4.42	4.43	4.46	4.44	4.41	4.39	4.47	4.41	4.53	4.4	4.57	4.45	4.44
3	20936	4	4.1	4.19	4.52	4.24	4.11	4.05	4.09	4.15	4.22	4.21	4.14	4.08	4.17	4.1	4.25	4.08	4.36	4.16	4.19
3	21271	4.91	4.75	4.68	4.97	4.82	4.67	4.55	4.51	4.5	4.48	4.41	4.31	4.25	4.41	4.5	4.65	4.66	4.98	4.87	5
3	21791	4.83	4.71	4.59	4.77	4.65	4.5	4.36	4.29	4.26	4.25	4.19	4.09	4.02	4.16	4.22	4.3	4.38	4.63	4.61	4.69
3	20890	6.45	6.39	6.33	6.32	6.26	6.17	5.93	5.76	5.64	5.54	5.4	5.24	5.08	5.37	5.6	5.63	5.63	5.8	5.67	5.8
3	19990	6.92	6.89	6.86	6.87	6.84	6.8	6.76	6.73	6.7	6.69	6.67	6.65	6.64	6.76	6.86	6.87	6.87	6.87	6.83	6.82
3	20378	6.6	6.49	6.38	6.44	6.29	6.16	6.04	5.97	5.89	5.86	5.77	5.65	5.59	5.9	5.98	6.09	6.06	6.23	6.04	6.15
3	24577	3.56	3.5	3.4	3.51	3.38	3.23	3.08	2.97	2.89	2.91	2.85	2.73	2.62	2.62	2.6	2.6	2.72	2.84	2.94	2.92
3	24587	3.76	3.63	3.47	3.64	3.5	3.43	3.41	3.4	3.36	3.38	3.35	3.3	3.3	3.31	3.33	3.36	3.37	3.51	3.48	3.44
3	19177	7.51	7.51	7.5	7.53	7.51	7.5	7.48	7.48	7.47	7.48	7.48	7.47	7.47	7.57	7.6	7.59	7.57	7.57	7.53	7.52
3	19213	7.13	7.13	7.12	7.13	7.1	7.08	7.08	7.07	7.07	7.09	7.08	7.08	7.08	7.16	7.15	7.12	7.11	7.09	7.04	7.03
3	20357	6.69	6.62	6.56	6.55	6.49	6.43	6.36	6.29	6.23	6.17	6.06	5.94	5.83	6.03	6.27	6.31	6.35	6.41	6.38	6.4
3	20206	6.2	6.14	6.1	6.12	5.98	5.93	5.88	5.86	5.84	5.85	5.79	5.74	5.71	5.9	5.79	5.81	5.68	5.77	5.56	5.55
3	20350	6.69	6.64	6.59	6.6	6.55	6.5	6.45	6.4	6.36	6.34	6.31	6.27	6.24	6.33	6.4	6.42	6.42	6.45	6.43	6.44
3	20900	5.94	5.78	5.64	5.8	5.61	5.43	5.27	5.17	5.1	5.06	4.96	4.83	4.72	5	5.18	5.28	5.29	5.55	5.42	5.57
3	19274	7.41	7.4	7.39	7.41	7.39	7.37	7.35	7.34	7.33	7.34	7.34	7.33	7.33	7.45	7.48	7.46	7.44	7.44	7.39	7.39
3	23229	4.41	4.32	4.22	4.35	4.24	4.11	3.97	3.9	3.85	3.85	3.8	3.7	3.63	3.66	3.68	3.7	3.82	4.02	4.08	4.1
3	21914	4.02	3.92	3.93	4.29	4.19	4.08	4	4.01	4.02	4.01	3.98	3.9	3.86	3.96	3.97	4.2	4.18	4.47	4.34	4.38
3	23881	4.04	3.97	3.96	4.25	4.15	4.04	3.98	3.99	3.98	3.98	3.96	3.89	3.84	3.92	3.93	4.09	4.08	4.29	4.16	4.18
3	23894	3.61	3.58	3.57	3.9	3.82	3.69	3.6	3.62	3.61	3.59	3.56	3.48	3.46	3.53	3.54	3.79	3.8	4.03	3.92	3.87
3	24628	0.81	0.79	0.8	1.11	1.17	1.25	1.2	1.21	1.23	1.27	1.25	1.16	1.13	1.25	1.21	1.68	1.84	1.94	1.86	1.88
3	24900	1.39	1.42	1.42	1.56	1.51	1.46	1.43	1.45	1.46	1.53	1.51	1.45	1.44	1.61	1.56	1.98	1.98	2.04	1.93	2.02
3	25681	2.82	2.76	2.68	2.88	2.77	2.64	2.55	2.54	2.51	2.52	2.49	2.42	2.41	2.59	2.55	2.7	2.75	2.91	2.88	2.76
3	25694	2.1	2.06	2	2.18	2.09	1.95	1.84	1.83	1.81	1.83	1.81	1.73	1.72	1.94	1.89	2.17	2.23	2.36	2.3	2.16
3	25868	2.32	2.29	2.22	2.4	2.3	2.17	2.07	2.05	2.02	2.04	2.02	1.94	1.93	2.16	2.1	2.31	2.35	2.5	2.45	2.32
3	26704	1.26	1.24	1.23	1.23	1.21	1.19	1.16	1.16	1.16	1.2	1.22	1.18	1.16	1.21	1.23	1.45	1.46	1.43	1.39	1.39
3	26616	1.26	1.25	1.24	1.26	1.23	1.21	1.18	1.18	1.18	1.25	1.24	1.19	1.18	1.24	1.24	1.58	1.53	1.49	1.43	1.5
3	25660	2.81	2.78	2.69	2.85	2.73	2.58	2.45	2.38	2.31	2.31	2.26	2.17	2.12	2.31	2.27	2.28	2.35	2.46	2.51	2.48
3	26763	1.5	1.53	1.49	1.54	1.48	1.42	1.36	1.31	1.28	1.33	1.31	1.26	1.27	1.66	1.52	1.62	1.54	1.7	1.61	1.56
3	23403	4.52	4.44	4.34	4.35	4.23	4.09	3.95	3.84	3.75	3.74	3.68	3.55	3.41	3.4	3.37	3.34	3.4	3.56	3.71	3.61

Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43
6	5.78	5.78	5.68	5.64	6.32	6.74	6.75	6.8	6.88	7	7.03	7.2	7.35	7.35	7.41	7.38	7.4	7.35	7.29	7.35	7.34	7.28
4.85	4.49	4.39	4.33	4.29	5.11	6.51	5.94	5.8	5.82	6.04	5.7	6.26	6.44	5.93	5.87	5.42	5.55	5.23	5	5.43	5.38	5.07
4.69	4.35	4.27	4.24	4.18	5	6.27	5.69	5.62	5.62	5.82	5.5	6.05	6.17	5.69	5.65	5.21	5.38	5.05	4.86	5.31	5.21	4.91
5.69	5.42	5.39	5.29	5.25	6.08	6.84	6.71	6.76	6.84	6.95	6.96	7.14	7.29	7.3	7.36	7.32	7.35	7.3	7.24	7.29	7.29	7.23
5.56	5.36	5.42	5.31	5.28	5.87	6.45	6.54	6.63	6.72	6.9	6.95	7.15	7.31	7.32	7.36	7.33	7.35	7.33	7.27	7.31	7.31	7.26
4.69	4.44	4.39	4.34	4.32	5.02	6.36	6.1	6.18	6.19	6.37	6.18	6.63	6.56	6.36	6.33	6.06	6.27	6.01	5.95	6.22	6.1	5.99
4.81	4.56	4.53	4.45	4.46	5.13	6.54	6.52	6.62	6.7	6.86	6.76	6.99	7.06	7	7.01	6.88	6.93	6.84	6.72	6.85	6.82	6.71
5.03	4.76	4.72	4.63	4.62	5.35	6.68	6.59	6.66	6.74	6.9	6.84	7.01	7.13	7.11	7.13	7.05	7.07	7.01	6.92	6.99	6.99	6.91
4.6	4.37	4.36	4.3	4.32	4.93	6.37	6.38	6.49	6.55	6.74	6.6	6.93	6.97	6.83	6.81	6.58	6.7	6.52	6.38	6.6	6.52	6.37
4.56	4.37	4.41	4.33	4.37	4.95	6.21	6.36	6.53	6.61	6.81	6.76	6.91	6.98	7	7	6.9	6.91	6.89	6.76	6.81	6.81	6.72
4.43	4.23	4.26	4.19	4.25	4.81	6.06	6.17	6.33	6.43	6.65	6.5	6.8	6.85	6.77	6.74	6.52	6.61	6.47	6.25	6.46	6.38	6.18
4.16	3.99	4.02	3.98	4.08	4.57	5.68	5.74	5.95	5.98	6.23	6.05	6.44	6.48	6.34	6.23	5.93	6.12	5.89	5.63	5.89	5.82	5.59
4.18	4.01	4.03	4	4.05	4.53	5.6	5.48	5.59	5.61	5.82	5.64	6.12	6.16	5.9	5.79	5.44	5.68	5.39	5.16	5.46	5.4	5.22
4.45	4.1	4.18	4.14	3.98	4.99	5.84	5.42	5.54	5.6	5.61	5.5	5.99	5.96	5.66	5.72	5.4	5.62	5.36	5.26	5.8	5.5	5.33
4.47	4.13	4.18	4.15	4.01	4.94	5.78	5.34	5.43	5.45	5.51	5.35	5.8	5.79	5.49	5.51	5.19	5.4	5.12	5.03	5.51	5.26	5.08
4.39	4.05	4.12	4.06	3.94	4.65	5.25	4.94	5	4.98	5.05	4.9	5.17	5.16	4.99	4.96	4.7	4.88	4.65	4.6	4.92	4.72	4.63
4.41	4.09	4.12	4.08	3.97	4.69	5.38	5.02	5.08	5.05	5.14	4.96	5.27	5.27	5.07	5.02	4.74	4.93	4.67	4.61	4.94	4.76	4.64
4.61	4.28	4.22	4.2	4.12	4.92	6.02	5.48	5.47	5.43	5.61	5.33	5.8	5.88	5.49	5.44	5.04	5.24	4.91	4.77	5.18	5.05	4.81
4.55	4.25	4.19	4.17	4.1	4.84	5.86	5.37	5.38	5.34	5.5	5.25	5.68	5.74	5.41	5.34	4.97	5.18	4.85	4.72	5.1	4.98	4.79
4.87	4.5	4.36	4.31	4.28	5.09	6.51	5.9	5.76	5.76	5.99	5.64	6.19	6.37	5.87	5.78	5.32	5.46	5.11	4.9	5.3	5.28	4.97
4.69	4.35	4.27	4.24	4.18	5.01	6.39	5.8	5.69	5.72	5.94	5.58	6.18	6.35	5.8	5.76	5.3	5.45	5.13	4.9	5.38	5.31	4.97
4.89	4.52	4.38	4.32	4.29	5.1	6.55	5.94	5.79	5.78	6.02	5.66	6.21	6.41	5.9	5.81	5.34	5.47	5.12	4.9	5.3	5.29	4.98
4.31	3.97	4.16	4.03	3.87	4.93	5.51	5.31	5.44	5.54	5.47	5.51	5.9	5.9	5.74	5.77	5.52	5.67	5.49	5.39	5.86	5.6	5.46
3.72	3.43	3.57	3.58	3.38	4.26	5.05	4.77	4.93	5.05	5.04	4.94	5.65	5.76	5.32	5.37	4.93	5.18	4.9	4.66	5.36	5.05	4.67
4.3	3.97	4.11	4.04	3.86	4.86	5.58	5.28	5.45	5.54	5.52	5.49	5.96	6	5.79	5.83	5.54	5.73	5.51	5.36	5.87	5.62	5.43
3.7	3.4	3.5	3.5	3.34	4.2	5.14	4.79	4.94	5.04	5.07	4.89	5.6	5.74	5.32	5.34	4.88	5.15	4.85	4.59	5.25	4.99	4.6
4.38	4.02	4.24	4.07	3.93	5.07	5.58	5.38	5.46	5.55	5.46	5.53	5.8	5.77	5.68	5.7	5.5	5.63	5.46	5.42	5.77	5.58	5.51
3.83	3.59	3.64	3.59	3.58	4.36	5.48	4.62	4.75	4.87	4.91	4.79	5.45	5.55	5.26	5.21	4.77	5	4.55	4.18	4.92	4.73	4.39
4.31	3.97	4	3.98	3.87	4.63	5.38	4.97	5.05	4.99	5.08	4.89	5.23	5.21	5.02	4.98	4.67	4.93	4.64	4.56	4.92	4.71	4.56
4.07	3.74	3.72	3.73	3.69	4.52	5.78	5.09	5.09	5.04	5.2	4.91	5.48	5.54	5.22	5.15	4.68	5.04	4.63	4.38	4.87	4.74	4.4
4.91	4.64	4.58	4.51	4.5	5.23	6.65	6.45	6.54	6.58	6.77	6.61	7.03	6.96	6.84	6.84	6.64	6.79	6.59	6.51	6.74	6.63	6.51
4.65	4.45	4.49	4.4	4.43	5.04	6.32	6.43	6.57	6.65	6.83	6.79	6.93	7.02	7.04	7.04	6.96	6.97	6.95	6.84	6.88	6.88	6.82
5.75	5.59	5.65	5.54	5.52	5.99	6.5	6.58	6.67	6.76	6.94	6.98	7.18	7.34	7.35	7.39	7.37	7.39	7.37	7.31	7.35	7.35	7.3
6.8	6.76	6.77	6.76	6.75	6.93	7.22	7.22	7.23	7.3	7.39	7.39	7.53	7.67	7.65	7.69	7.65	7.65	7.63	7.59	7.64	7.62	7.56
6.03	5.79	5.81	5.7	5.62	6.37	6.8	6.67	6.77	6.83	6.91	6.93	7.1	7.25	7.26	7.31	7.27	7.3	7.25	7.19	7.26	7.25	7.18
2.96	2.84	2.86	2.83	3.18	3.62	4.58	4.77	5.38	5.54	5.65	5.61	5.74	5.85	5.88	5.83	5.66	5.81	5.74	5.51	5.58	5.49	5.2
3.42	3.39	3.42	3.39	3.55	4.05	5.07	4.93	5.24	5.22	5.28	5.33	5.56	5.59	5.55	5.5	5.39	5.57	5.4	5.27	5.4	5.32	5.19
7.51	7.49	7.41	7.44	7.47	7.66	7.81	7.73	7.73	7.81	7.82	7.78	7.84	7.87	7.85	7.87	7.83	7.86	7.89	7.88	7.89	7.87	7.81
7	6.95	6.91	6.93	6.9	7.08	7.21	7.18	7.22	7.29	7.33	7.32	7.44	7.47	7.39	7.41	7.33	7.37	7.35	7.31	7.43	7.38	7.29
6.41	6.32	6.29	6.26	6.21	6.43	6.78	6.81	6.87	6.96	7.09	7.11	7.29	7.45	7.45	7.5	7.47	7.48	7.44	7.39	7.44	7.43	7.37
5.37	5.08	5.11	5.04	4.89	5.78	6.3	6.11	6.28	6.37	6.47	6.49	6.71	6.91	6.88	6.92	6.83	6.88	6.8	6.73	6.87	6.84	6.75
6.43	6.39	6.39	6.38	6.37	6.54	6.86	6.88	6.93	7.01	7.14	7.16	7.34	7.5	7.5	7.56	7.53	7.53	7.51	7.47	7.51	7.5	7.44
5.53	5.26	5.22	5.12	5.09	5.93	6.74	6.67	6.71	6.79	6.95	6.94	7.12	7.27	7.27	7.32	7.29	7.31	7.27	7.2	7.25	7.25	7.2
7.37	7.34	7.32	7.32	7.33	7.51	7.65	7.58	7.59	7.66	7.71	7.68	7.79	7.84	7.78	7.81	7.75	7.77	7.78	7.74	7.81	7.78	7.71
4.08	3.94	4.02	3.95	4.11	4.6	5.66	5.95	6.28	6.36	6.62	6.47	6.65	6.67	6.66	6.61	6.47	6.52	6.49	6.31	6.39	6.36	6.18
4.26	4.03	4	3.99	3.96	4.54	5.59	5.3	5.32	5.31	5.46	5.31	5.74	5.79	5.5	5.4	4.99	5.23	4.88	4.72	5.02	4.94	4.78
4.09	3.93	3.95	3.93	3.92	4.38	5.13	4.9	4.94	4.94	5.04	4.92	5.25	5.31	5.1	5	4.68	4.89	4.6	4.44	4.72	4.69	4.59
3.79	3.61	3.65	3.65	3.61	4.09	5.02	4.77	4.77	4.76	4.94	4.82	5.18	5.31	5.02	4.93	4.52	4.74	4.4	4.23	4.47	4.4	4.24
1.93	1.74	1.75	1.74	1.61	2.25	2.89	2.72	2.63	2.61	3.12	2.84	2.99	3.08	2.76	2.78	2.64	2.73	2.41	2.23	2.51	2.38	2.12
2.07	1.95	1.96	1.91	1.82	2.28	2.39	2.17	2.21	2.2	2.47	2.26	2.32	2.32	2.21	2.21	2.23	2.24	2.12	2.08	2.26	1.99	1.81
2.8	2.76	2.79	2.77	2.82	3.26	4.05	3.85	4.06	3.93	3.9	3.88	4.13	4.23	4.13	4.09	3.89	4.1	3.87	3.76	3.87	3.79	3.72
2.24	2.26	2.27	2.23	2.22	2.69	3.58	3.34	3.47	3.33	3.44	3.3	3.64	3.85	3.59	3.6	3.2	3.49	3.12	2.91	3.11	2.98	2.78
2.41	2.44	2.42	2.38	2.4	2.84	3.65	3.37	3.6	3.42	3.43	3.36	3.68	3.81	3.65	3.61	3.3	3.59	3.25	3.1	3.27	3.15	3.01
1.47	1.49	1.44	1.42	1.39	1.55	1.63	1.57	1.58	1.58	1.6	1.6	1.68	1.71	1.7	1.7	1.68	1.72	1.63	1.57	1.67	1.58	1.45
1.6	1.53	1.5	1.47	1.47	1.66	1.71	1.62	1.62	1.61	1.65	1.64	1.73	1.75	1.7	1.71	1.7	1.75	1.65	1.58	1.72	1.62	1.46
2.55	2.48	2.49	2.47	2.73	3.19	4.22	4.12	4.58	4.51	4.31	4.31	4.71	4.85	4.84	4.74	4.54	4.84	4.53	4.34	4.47	4.32	4.11
1.83	2.05	1.74	1.58	1.59	1.93	2.31	2.16	2.38	2.4	2.34	2.31	2.44	2.48	2.5	2.48	2.34	2.41	2.34	2.24	2.24	2.22	2.12
3.55	3.44	3.53	3.46	3.66	4.1	4.95	5.13	5.49	5.56	5.66	5.74	5.88	5.92	5.92	5.86	5.76	5.77	5.82	5.75			

Week 44	Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
7.22	7.18	7.12	7.05	7.11	7.06	7.02	6.99	6.97	5.35	6.54	6.66	7.41	0.664	2.06
4.86	4.85	4.78	4.72	5.37	5.21	5.03	4.99	4.99	4.29	5.08	4.91	6.51	0.560	2.22
4.74	4.74	4.69	4.63	5.28	5.06	4.9	4.87	4.88	4.18	4.96	4.84	6.27	0.500	2.09
7.16	7.12	7.05	6.99	7.05	7.02	6.97	6.94	6.91	4.91	6.31	6.43	7.36	0.836	2.45
7.2	7.18	7.11	7.04	7.11	7.06	7.02	6.98	6.95	4.84	6.32	6.42	7.36	0.844	2.52
5.96	5.95	5.91	5.9	6.31	6.06	6.03	6.06	6.03	4.16	5.32	5.46	6.63	0.864	2.47
6.62	6.58	6.47	6.36	6.79	6.61	6.51	6.47	6.42	4.15	5.64	5.75	7.06	1.107	2.91
6.82	6.8	6.71	6.61	6.88	6.77	6.69	6.66	6.61	4.28	5.81	5.97	7.13	1.076	2.85
6.3	6.28	6.17	6.08	6.62	6.38	6.27	6.25	6.19	4.04	5.45	5.51	6.97	1.082	2.93
6.6	6.53	6.34	6.15	6.66	6.56	6.39	6.29	6.19	3.97	5.51	5.55	7.00	1.168	3.03
6.07	6.04	5.89	5.75	6.44	6.2	6.01	5.95	5.87	3.92	5.29	5.28	6.85	1.072	2.93
5.45	5.49	5.35	5.18	5.91	5.67	5.47	5.41	5.33	3.76	4.94	4.88	6.48	0.934	2.72
5.11	5.16	5.06	4.94	5.59	5.37	5.22	5.2	5.13	3.85	4.78	4.74	6.16	0.740	2.31
5.29	5.36	5.38	5.32	5.75	5.29	5.27	5.4	5.35	3.98	5.23	5.29	5.99	0.449	2.01
5.02	5.06	5.07	5.02	5.48	5.1	5.05	5.13	5.1	4.01	5.04	5.03	5.80	0.392	1.79
4.58	4.6	4.58	4.56	4.94	4.72	4.65	4.68	4.69	3.94	4.65	4.60	5.25	0.269	1.31
4.59	4.59	4.57	4.56	4.97	4.76	4.68	4.7	4.71	3.97	4.66	4.59	5.38	0.302	1.41
4.68	4.67	4.63	4.6	5.19	4.96	4.83	4.82	4.82	4.12	4.85	4.76	6.02	0.442	1.90
4.68	4.67	4.64	4.62	5.16	4.95	4.84	4.84	4.83	4.10	4.79	4.68	5.86	0.427	1.76
4.77	4.76	4.68	4.64	5.3	5.13	4.97	4.92	4.91	4.28	5.02	4.88	6.51	0.553	2.23
4.76	4.76	4.72	4.65	5.32	5.12	4.93	4.9	4.91	4.18	5.01	4.86	6.39	0.535	2.21
4.77	4.76	4.68	4.63	5.31	5.14	4.97	4.92	4.91	4.29	5.03	4.90	6.55	0.563	2.26
5.43	5.47	5.48	5.44	5.68	5.29	5.33	5.45	5.33	3.87	5.20	5.28	5.90	0.483	2.03
4.46	4.42	4.53	4.34	5.02	4.64	4.42	4.41	4.45	3.38	4.43	4.33	5.76	0.569	2.38
5.33	5.34	5.37	5.29	5.7	5.29	5.24	5.34	5.29	3.86	5.15	5.19	6.00	0.498	2.14
4.36	4.29	4.36	4.21	4.94	4.56	4.32	4.33	4.39	3.34	4.37	4.21	5.74	0.582	2.40
5.53	5.58	5.56	5.59	5.67	5.3	5.45	5.59	5.42	3.93	5.29	5.46	5.80	0.467	1.87
4.16	4.1	4.18	4.17	4.87	4.14	4.33	4.61	4.57	3.58	4.38	4.29	5.55	0.488	1.97
4.47	4.45	4.43	4.41	4.93	4.66	4.55	4.59	4.62	3.87	4.59	4.50	5.38	0.321	1.51
4.16	4.06	4.03	4.01	4.87	4.49	4.31	4.4	4.48	3.69	4.44	4.25	5.78	0.498	2.09
6.46	6.44	6.37	6.32	6.73	6.48	6.43	6.44	6.39	4.25	5.63	5.78	7.03	1.003	2.78
6.72	6.68	6.55	6.35	6.72	6.67	6.54	6.44	6.35	4.02	5.59	5.68	7.04	1.169	3.02
7.24	7.22	7.15	7.08	7.14	7.09	7.04	7.01	6.98	5.08	6.44	6.48	7.39	0.749	2.31
7.5	7.49	7.43	7.37	7.37	7.33	7.3	7.29	7.27	6.64	7.13	7.08	7.69	0.359	1.05
7.11	7.07	7.02	6.95	7.03	6.98	6.94	6.91	6.88	5.59	6.54	6.64	7.31	0.566	1.72
4.94	4.88	4.7	4.48	5.01	4.82	4.61	4.55	4.4	2.60	4.12	4.01	5.88	1.202	3.28
5.13	5.16	4.96	4.65	4.92	4.63	4.49	4.51	4.34	3.30	4.30	4.20	5.59	0.892	2.29
7.78	7.76	7.74	7.69	7.69	7.69	7.68	7.69	7.68	7.41	7.65	7.67	7.89	0.154	0.48
7.23	7.22	7.25	7.2	7.31	7.25	7.22	7.22	7.22	6.90	7.18	7.17	7.47	0.142	0.57
7.31	7.28	7.22	7.15	7.19	7.14	7.1	7.08	7.05	5.83	6.77	6.74	7.50	0.502	1.67
6.67	6.63	6.61	6.54	6.68	6.58	6.51	6.49	6.47	4.89	6.17	6.17	6.92	0.546	2.03
7.39	7.37	7.31	7.24	7.25	7.2	7.17	7.14	7.12	6.24	6.86	6.78	7.56	0.464	1.32
7.12	7.09	7.02	6.95	7.03	6.99	6.95	6.92	6.88	4.72	6.20	6.31	7.32	0.909	2.60
7.65	7.63	7.63	7.58	7.62	7.6	7.58	7.58	7.57	7.32	7.54	7.54	7.84	0.170	0.52
5.98	5.91	5.73	5.52	6.29	6.08	5.82	5.7	5.57	3.63	5.10	5.06	6.67	1.153	3.04
4.69	4.69	4.64	4.6	5.18	4.99	4.92	4.93	4.89	3.86	4.60	4.57	5.79	0.580	1.93
4.55	4.58	4.57	4.51	4.94	4.81	4.74	4.76	4.7	3.84	4.43	4.41	5.31	0.439	1.47
4.16	4.23	4.15	4.05	4.55	4.47	4.37	4.39	4.33	3.46	4.14	4.07	5.31	0.525	1.85
1.92	1.94	1.74	1.53	2.08	2.14	2.03	2.03	1.94	0.79	1.92	1.93	3.12	0.649	2.33
1.76	1.73	1.66	1.59	1.89	1.78	1.74	1.74	1.67	1.39	1.87	1.90	2.47	0.318	1.08
3.67	3.71	3.67	3.46	3.61	3.58	3.44	3.46	3.37	2.41	3.26	3.32	4.23	0.600	1.82
2.71	2.8	2.77	2.6	2.75	2.78	2.66	2.66	2.59	1.72	2.60	2.60	3.85	0.615	2.13
2.95	3.02	3	2.83	2.96	2.97	2.86	2.87	2.8	1.93	2.76	2.82	3.81	0.563	1.88
1.36	1.32	1.34	1.3	1.32	1.3	1.28	1.27	1.25	1.16	1.41	1.39	1.72	0.182	0.56
1.37	1.34	1.37	1.32	1.37	1.34	1.31	1.3	1.28	1.18	1.45	1.47	1.75	0.191	0.57
3.94	3.9	3.81	3.61	3.7	3.68	3.54	3.55	3.46	2.12	3.36	3.33	4.85	0.935	2.73
1.99	1.89	1.91	1.86	1.96	1.98	1.88	1.84	1.81	1.26	1.86	1.85	2.50	0.391	1.24
5.62	5.57	5.49	5.39	5.57	5.55	5.49	5.42	5.33	3.34	4.69	4.74	5.92	0.979	2.58

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21
D13Rbc_C-111_356_95_95ops																						
3	20457	8.02	8.06	8.06	8.02	7.99	7.96	7.91	7.87	7.83	7.8	7.78	7.7	7.63	7.56	7.5	7.39	7.33	7.45	7.41	7.32	7.81
3	20737	7.72	7.73	7.72	7.66	7.62	7.58	7.52	7.48	7.43	7.39	7.39	7.33	7.25	7.18	7.12	6.97	6.94	7.23	7.15	6.99	7.54
3	20743	7.6	7.61	7.61	7.54	7.49	7.44	7.37	7.32	7.27	7.23	7.25	7.18	7.07	6.98	6.89	6.64	6.71	7.15	6.99	6.75	7.49
3	20726	7.87	7.89	7.89	7.84	7.81	7.78	7.72	7.69	7.65	7.61	7.6	7.53	7.46	7.4	7.34	7.22	7.17	7.33	7.31	7.2	7.7
3	20980	7.93	7.98	8	7.96	7.94	7.93	7.88	7.84	7.81	7.78	7.77	7.69	7.62	7.56	7.5	7.39	7.33	7.43	7.38	7.29	7.8
3	21277	7.01	6.99	6.95	6.82	6.75	6.67	6.57	6.55	6.47	6.51	6.51	6.4	6.29	6.3	6.24	6.08	6.33	6.74	6.46	6.25	7.24
3	21529	7.43	7.4	7.37	7.29	7.24	7.2	7.13	7.09	7.04	7.01	7.03	6.96	6.87	6.82	6.78	6.63	6.69	6.98	6.88	6.71	7.29
3	21259	7.56	7.55	7.53	7.46	7.42	7.38	7.32	7.28	7.23	7.21	7.21	7.14	7.06	7.01	6.97	6.85	6.82	7.08	7.04	6.9	7.43
3	21891	7.27	7.23	7.19	7.1	7.04	6.98	6.91	6.86	6.8	6.79	6.82	6.73	6.62	6.58	6.51	6.35	6.52	6.9	6.71	6.48	7.2
3	21971	7.37	7.34	7.31	7.23	7.19	7.15	7.08	7.04	6.99	6.97	6.97	6.9	6.82	6.76	6.7	6.51	6.48	6.77	6.65	6.48	7.14
3	22335	7.21	7.16	7.11	7.03	6.97	6.91	6.84	6.79	6.73	6.7	6.72	6.65	6.55	6.45	6.34	6.1	6.22	6.63	6.47	6.21	6.99
3	23325	6.89	6.81	6.75	6.65	6.58	6.51	6.43	6.36	6.25	6.26	6.22	6.06	5.87	5.79	5.75	5.55	5.65	6.13	6	5.74	6.71
3	23331	6.81	6.71	6.66	6.55	6.49	6.41	6.3	6.25	6.14	6.22	6.2	6.06	5.92	5.91	5.91	5.81	5.93	6.29	6.15	5.93	6.84
3	20297	7.72	7.75	7.74	7.67	7.61	7.55	7.47	7.43	7.39	7.35	7.4	7.33	7.21	7.1	7.03	6.87	6.78	7.05	7.07	6.91	7.44
3	20477	7.6	7.62	7.62	7.54	7.48	7.41	7.33	7.29	7.24	7.21	7.28	7.21	7.05	6.93	6.85	6.62	6.7	7.06	6.94	6.71	7.46
3	20838	7.22	7.26	7.25	7.14	7.07	6.98	6.9	6.88	6.8	6.84	6.96	6.77	6.59	6.52	6.49	6.26	6.34	6.87	6.75	6.39	7.52
3	21017	7.07	7.11	7.09	6.97	6.91	6.81	6.73	6.71	6.63	6.68	6.78	6.61	6.43	6.38	6.34	6.11	6.23	6.78	6.61	6.27	7.46
3	20925	7.36	7.38	7.36	7.26	7.19	7.1	7	6.96	6.87	6.88	6.91	6.79	6.63	6.59	6.5	6.26	6.44	6.97	6.71	6.43	7.44
3	21105	6.83	6.84	6.82	6.68	6.61	6.52	6.43	6.42	6.33	6.37	6.41	6.28	6.14	6.12	6.06	5.83	6.03	6.58	6.31	6.04	7.22
3	21007	7.46	7.46	7.45	7.38	7.32	7.27	7.19	7.15	7.09	7.06	7.07	6.99	6.86	6.79	6.71	6.48	6.6	7.02	6.86	6.63	7.38
3	20469	7.87	7.89	7.89	7.84	7.8	7.76	7.7	7.66	7.62	7.58	7.57	7.51	7.43	7.37	7.3	7.18	7.12	7.29	7.27	7.16	7.65
3	21094	7.46	7.45	7.43	7.36	7.31	7.26	7.18	7.14	7.09	7.06	7.06	6.98	6.87	6.81	6.74	6.52	6.63	7.02	6.88	6.67	7.36
3	19761	7.39	7.41	7.38	7.29	7.19	7.11	7.02	6.97	6.93	6.9	7.01	6.9	6.73	6.6	6.56	6.37	6.24	6.69	6.76	6.49	7.04
3	19766	6.83	6.83	6.76	6.64	6.51	6.37	6.22	6.13	6.07	5.98	6.05	5.94	5.7	5.49	5.37	5.13	5.06	5.62	5.65	5.4	6.42
3	20031	7.34	7.37	7.34	7.26	7.17	7.08	6.99	6.94	6.9	6.85	6.95	6.87	6.7	6.56	6.49	6.25	6.12	6.57	6.7	6.46	7.04
3	20036	6.66	6.68	6.61	6.42	6.24	6.03	5.88	5.85	5.77	5.72	5.8	5.67	5.42	5.25	5.17	4.94	4.92	5.64	5.63	5.33	6.7
3	20390	7.38	7.42	7.41	7.3	7.2	7.12	7.04	7.01	6.94	6.97	7.11	6.9	6.72	6.63	6.62	6.4	6.41	6.9	6.87	6.49	7.27
3	20396	5.58	5.67	5.68	5.42	5.27	5.33	5.54	5.46	5.15	5.28	5.26	5.07	4.9	4.89	4.87	4.82	5.01	5.73	5.54	5.15	6.42
3	20931	6.82	6.89	6.89	6.72	6.64	6.54	6.47	6.5	6.4	6.44	6.58	6.39	6.18	6.14	6.12	5.89	6.02	6.72	6.54	6.14	7.64
3	20936	5.94	6.07	6.09	5.82	5.69	5.6	5.63	5.72	5.52	5.57	5.69	5.5	5.26	5.26	5.26	5.04	5.27	6.29	6	5.53	7.45
3	21271	7.37	7.35	7.32	7.25	7.19	7.14	7.06	7.02	6.95	6.94	6.95	6.86	6.73	6.71	6.64	6.48	6.67	7.02	6.8	6.61	7.36
3	21791	7.43	7.41	7.38	7.31	7.27	7.23	7.17	7.13	7.08	7.06	7.06	7	6.92	6.86	6.81	6.69	6.64	6.88	6.86	6.7	7.23
3	20890	8	8.05	8.08	8.04	8.02	8.01	7.96	7.92	7.89	7.86	7.85	7.77	7.69	7.63	7.57	7.46	7.4	7.49	7.43	7.35	7.85
3	19990	8.65	8.75	8.79	8.75	8.72	8.7	8.63	8.58	8.54	8.49	8.45	8.35	8.26	8.17	8.1	7.98	7.88	7.91	7.84	7.75	8.25
3	20378	7.94	7.96	7.97	7.92	7.88	7.84	7.78	7.74	7.7	7.66	7.65	7.59	7.51	7.44	7.37	7.26	7.19	7.33	7.31	7.21	7.7
3	24577	6.08	6.02	5.98	5.9	5.83	5.73	5.71	5.65	5.4	5.39	5.36	5.08	4.78	4.61	4.58	4.24	4.07	4.44	4.71	4.57	5.77
3	24587	5.5	5.38	5.29	5.1	5.03	4.88	4.87	4.76	4.58	4.71	4.78	4.56	4.34	4.27	4.3	4.05	3.98	4.49	4.74	4.51	5.67
3	19177	9.91	9.95	9.92	9.82	9.74	9.65	9.5	9.4	9.34	9.27	9.21	9.07	8.95	8.87	8.78	8.6	8.45	8.4	8.34	8.25	8.71
3	19213	8.73	8.79	8.76	8.69	8.63	8.57	8.48	8.41	8.37	8.3	8.29	8.2	8.08	7.98	7.9	7.78	7.66	7.68	7.7	7.61	8.1
3	20357	8.18	8.24	8.26	8.22	8.19	8.18	8.12	8.08	8.05	8.01	7.99	7.91	7.83	7.76	7.69	7.58	7.51	7.61	7.55	7.46	7.96
3	20206	7.86	7.9	7.89	7.83	7.78	7.72	7.65	7.61	7.57	7.53	7.54	7.49	7.38	7.28	7.21	7.08	7	7.15	7.16	7.06	7.55
3	20350	8.32	8.4	8.44	8.41	8.39	8.38	8.32	8.28	8.25	8.2	8.18	8.09	8	7.93	7.86	7.74	7.66	7.74	7.66	7.57	8.08
3	20900	7.83	7.85	7.85	7.8	7.76	7.74	7.68	7.65	7.61	7.58	7.56	7.5	7.42	7.36	7.31	7.19	7.14	7.3	7.28	7.18	7.67
3	19274	9.07	9.15	9.15	9.09	9.04	8.99	8.9	8.83	8.79	8.72	8.68	8.57	8.46	8.37	8.3	8.16	8.04	8.03	7.99	7.9	8.41
3	23229	6.94	6.89	6.85	6.77	6.72	6.66	6.6	6.55	6.48	6.45	6.45	6.32	6.1	5.94	5.83	5.56	5.48	5.96	5.91	5.68	6.69
3	21914	5.56	5.59	5.58	5.38	5.35	5.25	5.15	5.17	5.1	5.21	5.29	5.16	5.02	5.06	5.07	4.86	5.06	5.78	5.58	5.25	7.03
3	23881	5.33	5.32	5.31	5.15	5.15	5.04	4.99	4.98	4.91	5.03	5.04	4.93	4.81	4.81	4.82	4.63	4.71	5.18	5.14	4.93	6.2
3	23894	4.84	4.87	4.88	4.7	4.72	4.61	4.54	4.55	4.46	4.6	4.68	4.55	4.4	4.38	4.42	4.2	4.28	4.93	4.99	4.65	6.66
3	24628	2.4	2.39	2.43	2.28	2.38	2.28	2.21	2.2	2.13	2.23	2.32	2.21	2.07	2.06	2.1	1.95	2.01	2.62	2.9	2.46	4.42
3	24900	1.85	1.87	1.88	1.8	1.89	1.78	1.8	1.99	2.01	2.12	2.11	2.05	2.02	2.06	2.06	2.01	2.11	2.35	2.29	2.13	3.42
3	25681	3.83	3.78	3.77	3.64	3.68	3.6	3.64	3.58	3.47	3.56	3.68	3.54	3.37	3.29	3.33	3.1	3.07	3.55	3.88	3.67	4.96
3	25694	3.06	3	3.02	2.83	2.9	2.81	2.78	2.74	2.63	2.74	2.94	2.81	2.6	2.51	2.55	2.35	2.32	2.88	3.45	3.04	4.99
3	25868	3.25	3.2	3.21	3.05	3.11	3.02	3.04	2.98	2.87	2.98	3.12	3	2.81	2.73	2.77	2.56	2.54	3.05	3.5	3.16	4.69
3	26704	1.52	1.45	1.44	1.37	1.35	1.31	1.29	1.34	1.37	1.42	1.5	1.46	1.41	1.4	1.42	1.37	1.37	1.49	1.5	1.46	1.98
3	26616	1.51	1.44	1.44	1.36	1.36	1.32	1.31	1.38	1.42	1.53	1.58	1.51	1.46	1.48	1.46	1.41	1.48	1.58	1.56	1.51	2.05
3	25660	4.76	4.59	4.48	4.25	4.2	4.05	4.2	4.1	3.86	3.97	4.08	3.83	3.56	3.46	3.47	3.2	3.12	3.51	3.96	3.78	4.92
3	26763	2.37	2.32	2.31	2.24	2.21	2.17	2.14	2.11	2.07	2.11	2.13	1.99	1.86	1.83	1.8	1.66	1.69	2.08	2.28	2.1	2.68
3	23403	6.4	6.41	6.41	6.36	6.33	6.3															

Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46
8.25	8.34	8.3	8.62	8.96	8.81	8.67	8.6	8.51	8.6	8.58	8.45	8.44	8.51	8.46	8.49	8.41	8.36	8.39	8.42	8.67	8.79	8.72	8.67	8.56
8.03	8.11	8.04	8.34	8.69	8.52	8.36	8.26	8.17	8.25	8.25	8.13	8.13	8.2	8.14	8.16	8.09	8.04	8.06	8.06	8.32	8.46	8.37	8.29	8.17
7.98	8.01	7.9	8.2	8.57	8.38	8.19	8.08	8	8.07	8.09	7.96	7.98	8.06	8	8.02	7.94	7.89	7.92	7.91	8.18	8.33	8.22	8.12	8
8.14	8.24	8.2	8.51	8.85	8.7	8.56	8.48	8.4	8.49	8.47	8.34	8.33	8.38	8.33	8.35	8.27	8.23	8.25	8.26	8.52	8.65	8.57	8.51	8.4
8.22	8.3	8.27	8.57	8.9	8.74	8.62	8.58	8.51	8.63	8.59	8.45	8.4	8.45	8.41	8.43	8.35	8.31	8.35	8.39	8.66	8.75	8.67	8.63	8.52
7.55	7.55	7.44	7.75	8.03	7.78	7.62	7.53	7.47	7.56	7.56	7.42	7.44	7.51	7.45	7.48	7.39	7.35	7.37	7.34	7.66	7.72	7.57	7.49	7.37
7.72	7.81	7.78	8.08	8.34	8.14	8.01	7.95	7.9	8	7.98	7.85	7.84	7.89	7.85	7.88	7.8	7.75	7.76	7.75	8.02	8.08	7.97	7.91	7.81
7.86	7.96	7.92	8.23	8.53	8.35	8.21	8.14	8.08	8.18	8.16	8.03	8.01	8.06	8.01	8.03	7.95	7.91	7.92	7.92	8.19	8.27	8.17	8.11	8
7.57	7.64	7.61	7.89	8.1	7.87	7.76	7.71	7.67	7.77	7.74	7.63	7.62	7.68	7.66	7.69	7.6	7.56	7.57	7.55	7.8	7.83	7.73	7.68	7.57
7.58	7.71	7.72	8.03	8.32	8.13	8	7.94	7.88	8.01	7.99	7.85	7.81	7.87	7.83	7.87	7.78	7.73	7.74	7.73	8	8.1	7.98	7.91	7.8
7.43	7.55	7.55	7.84	8.08	7.87	7.75	7.69	7.64	7.76	7.75	7.61	7.58	7.65	7.62	7.66	7.57	7.52	7.53	7.52	7.78	7.85	7.73	7.66	7.54
7.14	7.23	7.23	7.49	7.69	7.47	7.38	7.31	7.25	7.39	7.38	7.24	7.2	7.29	7.28	7.33	7.23	7.19	7.19	7.18	7.43	7.51	7.39	7.3	7.17
7.21	7.21	7.14	7.28	7.35	7.22	7.18	7.1	7.04	7.2	7.17	7.02	7.03	7.15	7.12	7.17	7.05	7.01	7.04	7.02	7.21	7.23	7.17	7.08	6.96
7.87	7.89	7.82	8.16	8.51	8.25	8.05	7.96	7.9	7.98	7.98	7.88	7.94	8.06	8	8.01	7.93	7.88	7.91	7.94	8.2	8.33	8.19	8.09	7.98
7.87	7.84	7.73	8.07	8.46	8.17	7.96	7.86	7.8	7.89	7.9	7.79	7.85	7.97	7.89	7.9	7.81	7.77	7.81	7.82	8.09	8.23	8.07	7.96	7.85
7.63	7.48	7.29	7.81	8.18	7.64	7.41	7.36	7.36	7.46	7.41	7.33	7.51	7.55	7.44	7.44	7.36	7.38	7.39	7.42	7.84	7.77	7.54	7.43	7.33
7.58	7.43	7.21	7.74	8.11	7.59	7.35	7.28	7.27	7.38	7.33	7.23	7.4	7.45	7.34	7.34	7.25	7.28	7.27	7.29	7.74	7.69	7.45	7.32	7.21
7.88	7.83	7.69	7.99	8.39	8.14	7.94	7.82	7.74	7.83	7.85	7.71	7.74	7.84	7.76	7.78	7.69	7.65	7.68	7.67	7.97	8.11	7.96	7.85	7.71
7.57	7.47	7.25	7.65	8.08	7.74	7.49	7.35	7.25	7.4	7.41	7.22	7.28	7.41	7.29	7.32	7.19	7.16	7.16	7.16	7.6	7.73	7.49	7.35	7.17
7.87	7.92	7.83	8.12	8.48	8.29	8.12	8.01	7.93	8.01	8.02	7.89	7.89	7.96	7.89	7.91	7.84	7.79	7.81	7.8	8.08	8.21	8.1	8.01	7.89
8.11	8.19	8.13	8.44	8.79	8.62	8.46	8.36	8.27	8.35	8.35	8.23	8.24	8.32	8.27	8.3	8.22	8.16	8.19	8.2	8.45	8.6	8.51	8.43	8.31
7.84	7.91	7.83	8.13	8.46	8.27	8.11	8.01	7.94	8.02	8.02	7.89	7.89	7.95	7.89	7.91	7.83	7.79	7.81	7.79	8.07	8.19	8.08	8	7.88
7.39	7.43	7.38	7.71	7.97	7.64	7.46	7.4	7.38	7.42	7.41	7.36	7.48	7.62	7.54	7.53	7.46	7.43	7.46	7.49	7.76	7.77	7.6	7.5	7.42
7.17	7.3	7.22	7.54	7.88	7.63	7.32	7.13	6.99	7.02	7.04	6.94	7.05	7.28	7.25	7.25	7.13	7.01	7.07	7.1	7.35	7.49	7.34	7.16	6.96
7.48	7.49	7.41	7.73	8.04	7.72	7.5	7.42	7.38	7.44	7.45	7.37	7.48	7.63	7.55	7.55	7.46	7.42	7.46	7.49	7.75	7.82	7.64	7.52	7.41
7.4	7.38	7.21	7.58	7.96	7.64	7.27	7.07	6.93	7.02	7.06	6.9	7.08	7.3	7.22	7.24	7.06	6.97	7.04	7.08	7.38	7.56	7.34	7.1	6.81
7.42	7.37	7.28	7.65	7.91	7.48	7.34	7.34	7.36	7.41	7.39	7.35	7.48	7.58	7.46	7.45	7.4	7.4	7.43	7.45	7.77	7.71	7.5	7.42	7.37
6.29	6.17	5.92	6.57	6.42	5.99	5.89	5.88	5.82	6	5.94	5.87	6.07	6	5.95	5.95	5.84	5.9	5.93	5.94	6.28	6.2	5.93	5.82	5.61
7.91	7.5	7.04	7.85	8.25	7.3	6.99	6.95	6.95	7.18	7.15	6.95	7.25	7.29	7.1	7.12	6.94	7.01	7.09	7.1	7.79	7.68	7.14	6.95	6.82
8.21	7.44	6.6	7.63	8.35	6.85	6.35	6.28	6.21	6.63	6.71	6.28	6.67	6.75	6.45	6.53	6.19	6.28	6.52	6.48	7.41	7.41	6.54	6.19	5.92
7.74	7.8	7.74	8.03	8.31	8.1	7.96	7.88	7.83	7.91	7.9	7.78	7.78	7.84	7.78	7.81	7.73	7.69	7.7	7.68	7.96	8.03	7.91	7.85	7.74
7.66	7.78	7.79	8.1	8.39	8.21	8.08	8.01	7.96	8.08	8.06	7.92	7.88	7.94	7.9	7.94	7.85	7.8	7.8	7.81	8.07	8.17	8.06	7.99	7.88
8.28	8.36	8.32	8.62	8.95	8.8	8.68	8.63	8.56	8.69	8.64	8.5	8.45	8.5	8.47	8.49	8.41	8.37	8.41	8.46	8.73	8.82	8.74	8.71	8.6
8.68	8.74	8.7	8.99	9.31	9.15	9.02	8.98	8.91	9.04	8.98	8.86	8.83	8.93	8.96	8.98	8.91	8.87	8.96	9.06	9.33	9.37	9.3	9.29	9.18
8.15	8.23	8.18	8.5	8.84	8.68	8.51	8.42	8.33	8.41	8.41	8.29	8.3	8.38	8.34	8.37	8.28	8.23	8.25	8.28	8.52	8.67	8.58	8.51	8.39
6.34	6.4	6.46	6.74	7.02	6.83	6.71	6.61	6.55	6.65	6.65	6.54	6.48	6.58	6.6	6.63	6.56	6.62	6.66	6.63	6.82	6.95	6.82	6.71	6.55
6.14	6.1	6.08	6.29	6.55	6.31	6.18	6.13	6.13	6.3	6.33	6.22	6.16	6.27	6.28	6.32	6.23	6.25	6.26	6.24	6.47	6.61	6.45	6.31	6.15
8.96	8.93	8.85	9.11	9.41	9.26	9.18	9.17	9.15	9.26	9.26	9.22	9.29	9.64	9.76	9.77	9.71	9.65	9.71	9.84	10.12	10.18	10.14	10.09	9.92
8.47	8.47	8.4	8.72	8.99	8.79	8.61	8.54	8.51	8.6	8.59	8.51	8.6	8.8	8.82	8.86	8.79	8.74	8.8	8.88	9.15	9.19	9.09	9.02	8.92
8.39	8.48	8.44	8.76	9.1	8.95	8.82	8.76	8.68	8.79	8.75	8.62	8.59	8.65	8.62	8.64	8.57	8.52	8.57	8.62	8.88	8.98	8.91	8.87	8.76
7.99	8.04	7.98	8.32	8.66	8.44	8.24	8.14	8.07	8.16	8.16	8.05	8.1	8.22	8.18	8.19	8.11	8.05	8.09	8.11	8.36	8.5	8.38	8.3	8.18
8.51	8.58	8.53	8.84	9.17	9.02	8.89	8.86	8.78	8.91	8.85	8.72	8.67	8.74	8.73	8.75	8.68	8.64	8.7	8.78	9.05	9.12	9.05	9.03	8.92
8.11	8.21	8.17	8.49	8.82	8.67	8.54	8.46	8.39	8.48	8.46	8.33	8.3	8.35	8.3	8.32	8.24	8.2	8.22	8.23	8.5	8.61	8.53	8.48	8.36
8.8	8.81	8.74	9.03	9.33	9.15	9	8.96	8.9	9.02	8.99	8.89	8.93	9.11	9.18	9.21	9.15	9.11	9.19	9.31	9.57	9.59	9.51	9.48	9.37
7.11	7.22	7.29	7.58	7.9	7.71	7.59	7.52	7.45	7.6	7.59	7.44	7.39	7.45	7.44	7.49	7.39	7.37	7.37	7.37	7.6	7.74	7.62	7.53	7.39
7.39	6.93	6.32	7.2	7.44	6.4	6.13	5.96	5.93	6.23	6.14	5.81	6.08	6.15	5.99	6.16	5.9	5.91	5.95	5.95	6.83	6.65	6.03	5.78	5.56
6.04	5.87	5.65	6.27	6.14	5.65	5.62	5.5	5.54	5.72	5.6	5.42	5.57	5.61	5.56	5.66	5.48	5.51	5.49	5.52	5.96	5.86	5.53	5.43	5.31
6.73	6.19	5.67	6.61	6.62	5.58	5.51	5.33	5.27	5.66	5.51	5.13	5.38	5.52	5.34	5.63	5.24	5.26	5.33	5.33	6.11	6.04	5.3	5.03	4.8
4.26	3.7	3.18	4.1	3.95	3.07	3.29	3.07	2.89	3.21	3.25	2.97	3.25	3.12	2.96	3.44	3.04	3.04	3.18	3.12	3.46	3.55	2.81	2.51	2.28
2.71	2.59	2.29	3.13	2.57	2.26	2.57	2.28	2.29	2.43	2.39	2.27	2.53	2.26	2.3	2.55	2.28	2.35	2.39	2.36	2.51	2.43	1.99	1.88	1.82
5.03	4.72	4.46	5	4.91	4.43	4.34	4.21	4.2	4.45	4.39	4.26	4.37	4.45	4.34	4.41	4.26	4.37	4.35	4.34	4.83	4.8	4.34	4.14	3.96
5.18	4.79	4.34	5.01	4.9	4.17	4.01	3.78	3.63	4.08	4.05	3.78	3.93	4.07	3.84	4.09	3.75	3.9	3.95	3.91	4.65	4.76	3.87	3.4	3.06
4.76	4.52	4.16	4.69	4.57	4.06	3.91	3.72	3.66	4	3.95	3.77	3.91	4	3.83	3.96	3.72	3.89	3.88	3.85	4.49	4.49	3.82	3.49	3.26
2.34	2.36	2.18	2.2																					

Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
8.44	8.34	8.25	8.17	8.09	8.02	7.32	8.18	8.28	8.96	0.434	1.64
8.05	7.96	7.88	7.81	7.73	7.66	6.94	7.84	8.00	8.69	0.449	1.75
7.88	7.79	7.72	7.65	7.57	7.5	6.64	7.69	7.84	8.57	0.466	1.93
8.28	8.18	8.09	8.02	7.94	7.87	7.17	8.03	8.16	8.85	0.446	1.68
8.41	8.31	8.22	8.14	8.06	7.99	7.29	8.15	8.25	8.90	0.427	1.61
7.25	7.15	7.07	6.99	6.92	6.83	6.08	7.09	7.25	8.03	0.506	1.95
7.7	7.6	7.53	7.47	7.4	7.34	6.63	7.51	7.65	8.34	0.454	1.71
7.89	7.8	7.72	7.65	7.58	7.52	6.82	7.69	7.83	8.53	0.455	1.71
7.46	7.37	7.31	7.25	7.19	7.13	6.35	7.30	7.42	8.10	0.452	1.75
7.68	7.58	7.51	7.44	7.37	7.3	6.48	7.46	7.58	8.32	0.496	1.84
7.43	7.33	7.26	7.19	7.13	7.06	6.10	7.23	7.38	8.08	0.511	1.98
7.04	6.94	6.87	6.81	6.74	6.67	5.55	6.83	6.99	7.69	0.581	2.14
6.83	6.77	6.73	6.67	6.62	6.55	5.81	6.73	6.84	7.35	0.464	1.54
7.88	7.79	7.73	7.65	7.56	7.48	6.78	7.71	7.81	8.51	0.400	1.73
7.75	7.67	7.61	7.53	7.44	7.36	6.62	7.59	7.70	8.46	0.419	1.84
7.25	7.21	7.15	7.05	6.97	6.88	6.26	7.19	7.28	8.18	0.407	1.92
7.12	7.08	7.02	6.92	6.85	6.76	6.11	7.08	7.17	8.11	0.431	2.00
7.6	7.5	7.43	7.35	7.26	7.16	6.26	7.41	7.55	8.39	0.513	2.13
7.01	6.91	6.84	6.75	6.68	6.59	5.83	6.94	7.09	8.08	0.539	2.25
7.77	7.67	7.6	7.53	7.46	7.39	6.48	7.56	7.72	8.48	0.494	2.00
8.2	8.1	8.02	7.95	7.88	7.8	7.12	7.98	8.11	8.79	0.427	1.67
7.77	7.67	7.59	7.52	7.46	7.39	6.52	7.56	7.72	8.46	0.485	1.94
7.34	7.28	7.22	7.12	7.03	6.95	6.24	7.23	7.38	7.97	0.378	1.73
6.78	6.61	6.48	6.36	6.21	6.06	5.06	6.64	6.83	7.88	0.698	2.82
7.32	7.25	7.19	7.1	7	6.92	6.12	7.22	7.36	8.04	0.414	1.92
6.55	6.34	6.17	6.02	5.84	5.7	4.92	6.53	6.69	7.96	0.792	3.04
7.32	7.3	7.25	7.14	7.05	6.96	6.40	7.23	7.34	7.91	0.334	1.51
5.38	5.23	5.15	5.08	5.01	4.95	4.82	5.64	5.71	6.57	0.462	1.75
6.71	6.67	6.62	6.54	6.47	6.39	5.89	6.87	6.89	8.25	0.510	2.36
5.71	5.59	5.55	5.49	5.42	5.37	5.04	6.20	6.14	8.35	0.768	3.31
7.63	7.54	7.47	7.4	7.34	7.28	6.48	7.45	7.59	8.31	0.466	1.83
7.76	7.66	7.59	7.52	7.45	7.38	6.64	7.55	7.66	8.39	0.473	1.75
8.48	8.38	8.29	8.21	8.13	8.06	7.35	8.21	8.31	8.95	0.424	1.60
9.06	8.94	8.84	8.74	8.65	8.57	7.75	8.72	8.77	9.37	0.405	1.62
8.28	8.18	8.1	8.02	7.95	7.87	7.19	8.05	8.17	8.84	0.425	1.65
6.41	6.29	6.2	6.12	6.04	5.96	4.07	6.02	6.32	7.02	0.793	2.95
5.99	5.81	5.66	5.47	5.3	5.34	3.98	5.58	5.90	6.61	0.784	2.63
9.74	9.59	9.48	9.37	9.27	9.18	8.25	9.35	9.32	10.18	0.486	1.93
8.8	8.68	8.59	8.5	8.41	8.33	7.61	8.52	8.59	9.19	0.389	1.58
8.65	8.54	8.45	8.36	8.28	8.2	7.46	8.36	8.45	9.10	0.429	1.64
8.07	7.98	7.91	7.83	7.75	7.67	7.00	7.87	7.98	8.66	0.404	1.66
8.8	8.69	8.6	8.51	8.42	8.35	7.57	8.50	8.56	9.17	0.413	1.60
8.25	8.15	8.07	7.99	7.91	7.84	7.14	8.00	8.13	8.82	0.449	1.68
9.24	9.12	9	8.91	8.82	8.73	7.90	8.90	8.99	9.59	0.405	1.69
7.26	7.15	7.07	6.99	6.92	6.84	5.48	6.97	7.13	7.90	0.633	2.42
5.41	5.38	5.38	5.36	5.35	5.3	4.86	5.80	5.69	7.44	0.644	2.58
5.25	5.25	5.27	5.24	5.21	5.15	4.63	5.37	5.33	6.27	0.386	1.64
4.68	4.69	4.72	4.69	4.68	4.64	4.20	5.14	4.96	6.73	0.650	2.53
2.1	2.13	2.1	2.08	2.06	2.1	1.95	2.76	2.57	4.42	0.644	2.47
1.79	1.84	1.8	1.8	1.81	1.83	1.78	2.19	2.13	3.42	0.344	1.64
3.86	3.83	3.79	3.69	3.67	3.66	3.07	4.04	3.92	5.03	0.509	1.96
2.89	2.85	2.85	2.8	2.76	2.73	2.32	3.48	3.23	5.18	0.792	2.86
3.14	3.12	3.11	3.05	3.01	2.99	2.54	3.53	3.38	4.76	0.604	2.22
1.49	1.41	1.36	1.32	1.31	1.3	1.29	1.70	1.57	2.36	0.329	1.07
1.47	1.39	1.35	1.32	1.32	1.31	1.31	1.73	1.59	2.41	0.337	1.10
5.17	5.04	4.89	4.66	4.47	4.29	3.12	4.77	5.11	5.74	0.772	2.62
2.38	2.32	2.28	2.24	2.19	2.15	1.66	2.42	2.43	3.12	0.358	1.46
6.68	6.58	6.52	6.45	6.39	6.33	5.62	6.49	6.56	7.16	0.406	1.54

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20
D13Rbc_C-111_356_89_95ops																					
3	20457	6.28	6.07	5.91	5.99	5.81	5.64	5.49	5.38	5.32	5.29	5.21	5.09	5.01	5.39	5.53	5.61	5.59	5.78	5.6	5.71
3	20737	5.37	5.23	5.14	5.39	5.18	5.03	4.9	4.86	4.84	4.83	4.77	4.67	4.61	4.88	4.99	5.1	5.05	5.31	5.12	5.23
3	20743	5.11	5.02	4.96	5.21	5.01	4.88	4.79	4.79	4.78	4.78	4.72	4.64	4.61	4.84	4.87	4.98	4.91	5.14	4.94	5.04
3	20726	5.77	5.59	5.44	5.62	5.43	5.25	5.09	5	4.96	4.93	4.85	4.73	4.65	4.97	5.13	5.23	5.21	5.45	5.3	5.42
3	20980	6.38	6.32	6.22	6.2	6.04	5.76	5.54	5.39	5.28	5.2	5.08	4.92	4.79	5.07	5.3	5.35	5.36	5.55	5.42	5.56
3	21277	4.68	4.53	4.48	4.78	4.64	4.51	4.4	4.38	4.38	4.37	4.32	4.23	4.18	4.32	4.39	4.55	4.54	4.85	4.72	4.83
3	21529	4.83	4.67	4.56	4.81	4.68	4.53	4.4	4.35	4.33	4.32	4.26	4.17	4.11	4.24	4.33	4.46	4.51	4.79	4.72	4.82
3	21259	5.07	4.91	4.78	5.02	4.87	4.71	4.56	4.49	4.47	4.45	4.39	4.28	4.21	4.4	4.52	4.64	4.67	4.96	4.87	5
3	21891	4.62	4.46	4.38	4.64	4.52	4.39	4.27	4.24	4.23	4.22	4.17	4.08	4.03	4.13	4.2	4.34	4.38	4.65	4.58	4.65
3	21971	4.74	4.62	4.49	4.68	4.55	4.41	4.27	4.21	4.18	4.17	4.11	4.02	3.96	4.06	4.13	4.21	4.29	4.54	4.52	4.59
3	22335	4.55	4.41	4.31	4.53	4.42	4.28	4.16	4.12	4.1	4.09	4.05	3.96	3.91	3.99	4.03	4.14	4.22	4.47	4.43	4.49
3	23325	4.33	4.2	4.11	4.33	4.22	4.09	3.98	3.95	3.93	3.93	3.89	3.8	3.76	3.8	3.82	3.94	4	4.23	4.22	4.22
3	23331	4.28	4.15	4.09	4.34	4.25	4.12	4.03	4.01	4.01	4.01	3.97	3.9	3.85	3.9	3.93	4.07	4.1	4.33	4.27	4.27
3	20297	5.65	5.6	5.56	5.61	5.4	5.4	5.38	5.41	5.42	5.42	5.38	5.35	5.32	5.47	5.29	5.29	5.05	5.18	4.94	4.88
3	20477	5.27	5.23	5.21	5.3	5.12	5.1	5.07	5.09	5.09	5.1	5.06	5.02	5	5.14	5.02	5.06	4.87	5.01	4.8	4.79
3	20838	4.61	4.59	4.6	4.68	4.61	4.58	4.56	4.57	4.57	4.58	4.55	4.54	4.53	4.59	4.57	4.63	4.54	4.64	4.55	4.55
3	21017	4.57	4.54	4.55	4.68	4.59	4.54	4.51	4.53	4.51	4.53	4.49	4.46	4.45	4.53	4.52	4.61	4.52	4.67	4.56	4.58
3	20925	4.82	4.74	4.72	4.96	4.78	4.69	4.61	4.62	4.61	4.62	4.56	4.5	4.47	4.64	4.66	4.79	4.7	4.94	4.77	4.86
3	21105	4.6	4.52	4.52	4.76	4.62	4.52	4.46	4.46	4.45	4.46	4.41	4.35	4.31	4.45	4.47	4.61	4.54	4.79	4.64	4.72
3	21007	5.06	4.93	4.85	5.14	4.95	4.8	4.68	4.66	4.64	4.64	4.57	4.48	4.42	4.63	4.73	4.87	4.83	5.14	4.98	5.11
3	20469	5.7	5.58	5.48	5.67	5.46	5.31	5.19	5.15	5.12	5.12	5.05	4.95	4.91	5.22	5.3	5.37	5.31	5.5	5.28	5.36
3	21094	5.06	4.91	4.82	5.11	4.93	4.78	4.65	4.61	4.6	4.58	4.52	4.42	4.36	4.56	4.67	4.81	4.79	5.12	4.97	5.11
3	19761	5.31	5.29	5.27	5.24	5.11	5.16	5.16	5.2	5.22	5.22	5.21	5.2	5.17	5.24	4.99	4.97	4.67	4.81	4.59	4.47
3	19766	4.09	4.09	4.1	4.26	4.09	4.02	3.98	4	4.04	4.11	4.08	4.03	4.06	4.34	4.19	4.15	4.1	4.15	3.94	3.89
3	20031	5.15	5.14	5.13	5.18	4.99	4.99	4.99	5.02	5.05	5.07	5.04	5.02	5.02	5.14	4.91	4.89	4.66	4.76	4.54	4.45
3	20036	4	4.03	4.05	4.26	4.06	3.96	3.91	3.93	3.98	4.05	4.03	3.98	3.99	4.23	4.11	4.09	4.02	4.1	3.9	3.86
3	20390	5.59	5.57	5.53	5.45	5.32	5.42	5.43	5.48	5.49	5.47	5.46	5.46	5.38	5.38	5.1	5.11	4.69	4.92	4.68	4.55
3	20396	4.38	4.45	4.47	4.6	4.27	4.22	4.15	4.2	4.34	4.38	4.38	4.33	4.14	4.18	4.02	4.04	3.88	4.1	3.9	3.94
3	20931	4.4	4.42	4.46	4.63	4.51	4.45	4.42	4.44	4.45	4.48	4.45	4.42	4.4	4.48	4.43	4.55	4.42	4.59	4.46	4.46
3	20936	4.07	4.17	4.26	4.6	4.34	4.2	4.13	4.15	4.22	4.28	4.25	4.18	4.12	4.21	4.14	4.29	4.12	4.4	4.19	4.22
3	21271	4.87	4.71	4.62	4.91	4.76	4.61	4.48	4.45	4.44	4.43	4.37	4.27	4.21	4.37	4.47	4.62	4.62	4.94	4.83	4.95
3	21791	4.84	4.71	4.58	4.76	4.63	4.48	4.34	4.27	4.24	4.22	4.17	4.07	4.01	4.14	4.21	4.29	4.37	4.62	4.59	4.68
3	20890	6.45	6.39	6.32	6.31	6.25	6.13	5.84	5.7	5.55	5.46	5.31	5.16	5.02	5.32	5.55	5.6	5.59	5.76	5.63	5.77
3	19990	6.91	6.87	6.84	6.84	6.81	6.77	6.73	6.69	6.66	6.65	6.64	6.62	6.6	6.73	6.82	6.83	6.83	6.83	6.8	6.79
3	20378	5.94	5.81	5.69	5.84	5.64	5.49	5.37	5.31	5.27	5.27	5.2	5.1	5.05	5.4	5.47	5.53	5.48	5.64	5.42	5.48
3	24577	3.58	3.51	3.41	3.52	3.39	3.24	3.09	2.98	2.89	2.91	2.85	2.73	2.62	2.62	2.6	2.6	2.72	2.84	2.94	2.93
3	24587	3.78	3.64	3.5	3.64	3.51	3.43	3.39	3.4	3.37	3.38	3.38	3.32	3.29	3.3	3.33	3.38	3.38	3.53	3.48	3.44
3	19177	7.46	7.46	7.45	7.47	7.45	7.43	7.42	7.41	7.41	7.41	7.41	7.4	7.4	7.5	7.52	7.52	7.49	7.53	7.49	7.46
3	19213	7.14	7.13	7.12	7.14	7.1	7.08	7.07	7.07	7.07	7.08	7.08	7.07	7.08	7.16	7.14	7.12	7.11	7.09	7.04	7.03
3	20357	6.63	6.55	6.47	6.46	6.39	6.31	6.22	6.06	5.94	5.88	5.77	5.65	5.55	5.86	6.08	6.15	6.13	6.25	6.15	6.24
3	20206	5.9	5.83	5.78	5.84	5.63	5.58	5.53	5.53	5.53	5.54	5.49	5.44	5.43	5.65	5.53	5.53	5.38	5.47	5.23	5.2
3	20350	6.69	6.63	6.58	6.58	6.53	6.48	6.42	6.38	6.34	6.31	6.28	6.25	6.21	6.3	6.37	6.4	6.41	6.44	6.42	6.43
3	20900	5.69	5.51	5.36	5.53	5.35	5.17	5	4.91	4.86	4.83	4.74	4.62	4.53	4.82	5.01	5.1	5.1	5.36	5.22	5.36
3	19274	7.41	7.4	7.38	7.4	7.38	7.36	7.34	7.33	7.32	7.33	7.32	7.32	7.32	7.44	7.46	7.44	7.43	7.43	7.38	7.37
3	23229	4.43	4.34	4.23	4.36	4.25	4.11	3.98	3.9	3.86	3.86	3.81	3.71	3.63	3.66	3.68	3.7	3.83	4.02	4.08	4.11
3	21914	4.08	3.97	3.98	4.33	4.23	4.12	4.03	4.04	4.04	4.05	4.01	3.92	3.88	3.98	3.99	4.22	4.2	4.49	4.37	4.41
3	23881	4.04	3.98	3.97	4.25	4.15	4.04	3.97	3.97	3.96	3.98	3.94	3.87	3.81	3.89	3.91	4.07	4.06	4.29	4.18	4.17
3	23894	3.62	3.59	3.58	3.91	3.82	3.69	3.59	3.6	3.59	3.59	3.55	3.47	3.44	3.51	3.52	3.78	3.79	4.03	3.93	3.87
3	24628	0.84	0.82	0.83	1.14	1.19	1.27	1.22	1.23	1.24	1.28	1.27	1.17	1.14	1.26	1.22	1.68	1.84	1.95	1.86	1.88
3	24900	1.41	1.44	1.44	1.57	1.51	1.49	1.45	1.47	1.47	1.54	1.53	1.46	1.45	1.62	1.56	1.98	1.98	2.04	1.93	2.02
3	25681	2.83	2.77	2.69	2.88	2.78	2.64	2.55	2.53	2.51	2.52	2.5	2.42	2.41	2.58	2.54	2.7	2.75	2.91	2.88	2.76
3	25694	2.11	2.07	2.01	2.19	2.1	1.95	1.85	1.83	1.81	1.83	1.81	1.74	1.72	1.94	1.88	2.17	2.23	2.36	2.3	2.16
3	25868	2.34	2.3	2.23	2.4	2.31	2.17	2.07	2.05	2.02	2.04	2.02	1.95	1.93	2.16	2.09	2.31	2.35	2.5	2.45	2.32
3	26704	1.26	1.25	1.23	1.23	1.21	1.2	1.18	1.17	1.17	1.2	1.22	1.18	1.16	1.21	1.22	1.45	1.47	1.44	1.39	1.39
3	26616	1.27	1.26	1.25	1.26	1.23	1.22	1.2	1.19	1.19	1.25	1.24	1.2	1.18	1.24	1.24	1.59	1.53	1.49	1.43	1.5
3	25660	2.83	2.79	2.7	2.86	2.74	2.59	2.46	2.38	2.31	2.31	2.27	2.17	2.12	2.32	2.27	2.28	2.35	2.46	2.52	2.48
3	26763	1.5	1.53	1.49	1.54	1.49	1.42	1.36	1.31	1.28	1.33	1.31	1.26	1.27	1.66	1.52	1.62	1.54	1.7	1.62	1.56
3	23403	4.52	4.45	4.35	4.36	4.23	4.1	3.96	3.85	3.75	3.75	3.68	3.55	3.41	3.41	3.38	3.34	3.41	3.57	3.72	3.62

Week 21	Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44
5.64	5.37	5.35	5.24	5.2	5.98	6.68	6.64	6.68	6.76	6.88	6.9	7.08	7.24	7.24	7.29	7.23	7.24	7.18	7.1	7.15	7.14	7.07	6.99
5.14	4.81	4.75	4.68	4.63	5.47	6.76	6.26	6.3	6.38	6.6	6.38	6.89	6.88	6.74	6.79	6.58	6.74	6.5	6.38	6.66	6.54	6.35	6.2
4.91	4.59	4.54	4.52	4.44	5.27	6.47	5.87	5.94	5.99	6.21	5.94	6.52	6.48	6.19	6.26	5.96	6.22	5.9	5.79	6.2	5.99	5.75	5.64
5.37	5.07	5.01	4.91	4.87	5.71	6.72	6.59	6.59	6.68	6.85	6.82	7.01	7.17	7.16	7.21	7.15	7.15	7.09	7	7.05	7.05	6.98	6.88
5.53	5.34	5.39	5.29	5.26	5.85	6.47	6.57	6.67	6.77	6.95	7	7.19	7.34	7.34	7.38	7.35	7.35	7.33	7.26	7.3	7.29	7.24	7.18
4.71	4.44	4.38	4.33	4.31	5	6.36	6.12	6.2	6.23	6.42	6.22	6.68	6.6	6.4	6.39	6.13	6.34	6.06	6	6.28	6.14	5.99	5.95
4.76	4.5	4.47	4.38	4.39	5.05	6.5	6.55	6.69	6.78	6.91	6.8	7.02	7.07	7.04	7.05	6.94	6.97	6.89	6.78	6.87	6.86	6.77	6.68
4.94	4.67	4.62	4.52	4.51	5.23	6.63	6.57	6.66	6.75	6.91	6.84	7.01	7.11	7.1	7.12	7.04	7.05	6.99	6.88	6.95	6.95	6.87	6.77
4.58	4.35	4.33	4.26	4.28	4.87	6.38	6.48	6.63	6.71	6.85	6.72	7	7.01	6.92	6.92	6.74	6.83	6.69	6.57	6.74	6.66	6.54	6.49
4.55	4.36	4.4	4.31	4.36	4.93	6.22	6.43	6.65	6.74	6.89	6.84	6.92	7.01	7.02	7.02	6.95	6.97	6.95	6.86	6.88	6.89	6.83	6.75
4.43	4.23	4.25	4.18	4.23	4.79	6.16	6.37	6.6	6.68	6.82	6.72	6.86	6.92	6.91	6.9	6.79	6.81	6.77	6.65	6.7	6.7	6.62	6.52
4.16	4	4.03	3.98	4.08	4.56	5.89	6.07	6.37	6.38	6.54	6.43	6.64	6.68	6.65	6.63	6.45	6.51	6.44	6.26	6.38	6.33	6.18	6.07
4.2	4.03	4.04	4.01	4.06	4.54	6.13	6.12	6.31	6.31	6.45	6.34	6.62	6.64	6.53	6.48	6.23	6.39	6.18	6.03	6.24	6.16	6.01	5.98
4.73	4.39	4.47	4.41	4.25	5.25	6.04	5.62	5.78	5.86	5.9	5.84	6.3	6.25	6.1	6.18	5.95	6.13	5.91	5.84	6.23	6	5.89	5.83
4.65	4.32	4.38	4.34	4.2	5.12	5.93	5.45	5.59	5.62	5.71	5.57	6.04	5.98	5.76	5.82	5.56	5.8	5.53	5.46	5.89	5.63	5.47	5.43
4.45	4.11	4.19	4.13	4	4.72	5.25	4.93	5.02	4.99	5.08	4.93	5.23	5.18	5.03	5	4.79	5.01	4.77	4.72	5.04	4.85	4.69	4.67
4.47	4.15	4.19	4.16	4.04	4.76	5.39	5.01	5.12	5.08	5.19	5.03	5.35	5.3	5.13	5.1	4.87	5.1	4.84	4.78	5.1	4.92	4.76	4.72
4.72	4.41	4.37	4.36	4.28	5.07	6.11	5.55	5.65	5.65	5.84	5.59	6.1	6.06	5.77	5.79	5.49	5.77	5.44	5.35	5.75	5.54	5.32	5.23
4.58	4.31	4.27	4.26	4.19	4.91	5.85	5.39	5.49	5.47	5.64	5.41	5.86	5.81	5.57	5.56	5.27	5.53	5.21	5.13	5.48	5.31	5.12	5.04
5	4.69	4.6	4.54	4.51	5.31	6.62	6.15	6.21	6.26	6.49	6.25	6.78	6.71	6.53	6.56	6.3	6.5	6.22	6.12	6.42	6.29	6.08	5.97
5.25	4.93	4.89	4.83	4.76	5.61	6.7	6.29	6.33	6.43	6.61	6.46	6.88	6.96	6.88	6.94	6.79	6.88	6.72	6.58	6.81	6.73	6.55	6.4
5	4.7	4.61	4.54	4.52	5.31	6.66	6.29	6.35	6.42	6.63	6.42	6.88	6.87	6.71	6.74	6.52	6.67	6.43	6.32	6.58	6.47	6.29	6.19
4.34	4	4.19	4.07	3.9	4.95	5.51	5.29	5.42	5.52	5.46	5.49	5.91	5.86	5.67	5.74	5.49	5.65	5.45	5.38	5.83	5.57	5.48	5.45
3.74	3.45	3.59	3.6	3.41	4.28	5.06	4.77	4.94	5.05	5.04	4.93	5.65	5.76	5.3	5.35	4.91	5.16	4.88	4.64	5.35	5.03	4.65	4.47
4.31	3.98	4.12	4.05	3.87	4.86	5.58	5.27	5.44	5.53	5.5	5.46	5.94	5.96	5.72	5.78	5.48	5.67	5.43	5.32	5.83	5.56	5.39	5.32
3.71	3.42	3.52	3.52	3.36	4.21	5.15	4.82	4.97	5.05	5.08	4.91	5.6	5.73	5.29	5.32	4.85	5.13	4.83	4.58	5.23	4.96	4.58	4.37
4.43	4.07	4.29	4.11	3.97	5.09	5.59	5.37	5.45	5.53	5.46	5.52	5.82	5.75	5.63	5.7	5.49	5.64	5.46	5.45	5.77	5.57	5.57	5.59
3.85	3.59	3.64	3.6	3.58	4.38	5.52	4.88	4.85	4.93	5.04	4.82	5.43	5.54	5.23	5.18	4.74	5.04	4.59	4.21	4.84	4.68	4.4	4.28
4.35	4.01	4.04	4.02	3.9	4.67	5.37	4.95	5.06	4.98	5.08	4.9	5.24	5.2	5.02	4.96	4.68	4.96	4.68	4.59	4.93	4.75	4.55	4.47
4.1	3.77	3.75	3.75	3.71	4.55	5.8	5.16	5.18	5.08	5.25	4.95	5.49	5.55	5.22	5.14	4.66	5.06	4.66	4.42	4.87	4.73	4.39	4.2
4.86	4.57	4.5	4.43	4.42	5.14	6.61	6.44	6.52	6.59	6.78	6.6	7.02	6.97	6.84	6.84	6.63	6.78	6.56	6.47	6.71	6.6	6.45	6.39
4.64	4.44	4.47	4.38	4.41	5.02	6.32	6.48	6.66	6.79	6.87	6.87	6.95	7.05	7.06	7.06	7	7.02	7	6.91	6.94	6.94	6.88	6.81
5.74	5.57	5.63	5.53	5.51	5.99	6.52	6.62	6.71	6.81	6.98	7.03	7.22	7.37	7.38	7.41	7.38	7.39	7.36	7.3	7.34	7.33	7.27	7.21
6.77	6.73	6.74	6.73	6.72	6.91	7.19	7.2	7.22	7.3	7.39	7.39	7.54	7.68	7.66	7.7	7.65	7.65	7.62	7.57	7.62	7.6	7.53	7.48
5.38	5.07	5.05	4.97	4.9	5.74	6.65	6.38	6.41	6.53	6.68	6.6	6.88	7.06	7.02	7.07	6.98	7.01	6.92	6.81	6.93	6.9	6.78	6.65
2.96	2.84	2.86	2.83	3.18	3.62	4.58	4.77	5.39	5.56	5.67	5.59	5.77	5.85	5.88	5.85	5.7	5.82	5.79	5.59	5.65	5.6	5.34	5.04
3.41	3.39	3.42	3.39	3.54	4.05	5.09	4.97	5.31	5.29	5.33	5.42	5.61	5.6	5.61	5.56	5.47	5.65	5.5	5.4	5.5	5.43	5.31	5.23
7.44	7.42	7.32	7.38	7.41	7.65	7.86	7.8	7.83	7.9	7.89	7.86	7.92	7.96	7.94	7.97	7.94	7.95	7.98	7.99	8.02	7.99	7.94	7.91
7	6.95	6.9	6.92	6.89	7.08	7.21	7.18	7.23	7.28	7.29	7.28	7.41	7.45	7.35	7.37	7.29	7.31	7.27	7.22	7.36	7.3	7.23	7.2
6.18	6.06	6.06	5.98	5.94	6.3	6.69	6.75	6.82	6.91	7.04	7.06	7.25	7.41	7.4	7.45	7.41	7.42	7.37	7.3	7.35	7.33	7.27	7.2
5.04	4.72	4.75	4.7	4.55	5.48	6.23	5.88	6.06	6.16	6.25	6.22	6.57	6.7	6.64	6.7	6.55	6.61	6.5	6.37	6.56	6.52	6.39	6.25
6.43	6.39	6.39	6.38	6.37	6.55	6.87	6.9	6.95	7.04	7.17	7.19	7.37	7.53	7.52	7.57	7.54	7.53	7.51	7.45	7.49	7.47	7.42	7.36
5.31	5.02	4.96	4.85	4.82	5.65	6.66	6.6	6.61	6.69	6.87	6.86	7.05	7.2	7.19	7.23	7.18	7.19	7.13	7.05	7.09	7.09	7.02	6.93
7.36	7.33	7.3	7.3	7.31	7.5	7.64	7.58	7.6	7.66	7.68	7.65	7.76	7.82	7.76	7.79	7.72	7.73	7.71	7.67	7.75	7.71	7.65	7.62
4.08	3.95	4.02	3.96	4.11	4.6	5.68	6.01	6.36	6.45	6.62	6.53	6.67	6.71	6.71	6.68	6.58	6.63	6.62	6.49	6.53	6.52	6.44	6.33
4.28	4.05	4.02	4	3.98	4.55	5.57	5.31	5.36	5.35	5.48	5.34	5.76	5.79	5.51	5.42	5.05	5.29	4.95	4.81	5.09	5	4.81	4.7
4.07	3.92	3.93	3.92	3.92	4.36	5.14	4.97	5.05	5.02	5.12	5.02	5.31	5.33	5.16	5.08	4.82	5.01	4.74	4.62	4.84	4.81	4.66	4.61
3.78	3.61	3.65	3.63	3.61	4.08	5	4.78	4.8	4.78	4.96	4.85	5.2	5.31	5.01	4.94	4.56	4.8	4.45	4.31	4.54	4.46	4.27	4.17
1.94	1.74	1.75	1.75	1.61	2.25	2.91	2.73	2.64	2.61	3.11	2.84	2.98	3.08	2.76	2.81	2.65	2.72	2.41	2.27	2.53	2.33	2.07	1.89
2.07	1.95	1.96	1.91	1.83	2.29	2.39	2.18	2.21	2.2	2.46	2.25	2.32	2.32	2.21	2.22	2.22	2.24	2.12	2.1	2.26	1.96	1.78	1.73
2.79	2.76	2.78	2.76	2.82	3.26	4.05	3.84	4.05	3.92	3.91	3.9	4.12	4.21	4.09	4.07	3.91	4.1	3.9	3.81	3.9	3.83	3.72	3.69
2.24	2.26	2.26	2.23	2.22	2.69	3.59	3.35	3.47	3.34	3.46	3.32	3.66	3.85	3.58	3.59	3.21	3.51	3.14	2.96	3.14	3.01	2.8	2.72
2.42	2.44	2.42	2.38	2.4	2.84	3.66	3.37	3.6	3.42	3.46	3.39	3.69	3.8	3.64	3.61	3.32	3.61	3.29	3.16	3.3	3.18	3.02	2.97
1.48	1.48	1.43	1.41	1.39	1.55	1.62	1.56	1.57	1.57	1.6	1.6	1.68	1.72	1.71	1.71	1.69	1.73	1.64	1.57	1.68	1.58	1.45	1.36
1.61	1.53	1.5	1.47	1.48	1.66	1.7	1.62	1.61	1.6	1.64	1.64	1.73	1.75	1.71	1.71	1.7	1.75	1.65	1.59	1.73	1.62	1.46	1.36
2.56	2.48	2.49	2.47	2.73	3.19	4.22	4.12	4.59	4.51														

Week 45	Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
6.93	6.86	6.78	6.85	6.82	6.77	6.73	6.7	5.01	6.26	6.46	7.29	0.757	2.28
6.15	6.04	5.94	6.42	6.17	6.06	6.04	6.01	4.61	5.71	5.71	6.89	0.763	2.28
5.62	5.54	5.47	6.04	5.74	5.63	5.63	5.62	4.44	5.40	5.37	6.52	0.608	2.08
6.82	6.73	6.63	6.78	6.72	6.64	6.6	6.56	4.65	6.03	6.17	7.21	0.887	2.56
7.15	7.08	7.01	7.07	7.02	6.97	6.94	6.9	4.79	6.30	6.43	7.38	0.863	2.59
5.93	5.88	5.85	6.31	6.05	5.99	5.99	5.96	4.18	5.34	5.43	6.68	0.866	2.50
6.64	6.53	6.44	6.82	6.65	6.56	6.52	6.47	4.11	5.64	5.75	7.07	1.154	2.96
6.74	6.63	6.52	6.84	6.68	6.6	6.57	6.52	4.21	5.75	5.88	7.12	1.103	2.91
6.45	6.37	6.29	6.76	6.53	6.45	6.42	6.36	4.03	5.51	5.58	7.01	1.158	2.98
6.72	6.64	6.52	6.76	6.71	6.64	6.57	6.47	3.96	5.57	5.58	7.02	1.228	3.06
6.49	6.37	6.22	6.63	6.56	6.44	6.34	6.24	3.91	5.43	5.48	6.92	1.204	3.01
6.04	5.91	5.78	6.35	6.18	5.99	5.91	5.82	3.76	5.16	5.17	6.68	1.138	2.92
5.96	5.92	5.89	6.32	6.11	6	5.97	5.92	3.85	5.15	5.22	6.64	1.076	2.79
5.85	5.85	5.79	6.15	5.77	5.83	5.9	5.87	4.25	5.56	5.64	6.30	0.500	2.05
5.44	5.43	5.39	5.83	5.47	5.48	5.54	5.51	4.20	5.28	5.35	6.04	0.432	1.84
4.66	4.66	4.67	5.04	4.84	4.81	4.84	4.82	4.00	4.71	4.67	5.25	0.268	1.25
4.71	4.69	4.7	5.12	4.91	4.87	4.89	4.86	4.04	4.74	4.70	5.39	0.311	1.35
5.22	5.16	5.13	5.7	5.4	5.31	5.32	5.3	4.28	5.11	5.10	6.11	0.512	1.83
5.04	4.99	4.98	5.51	5.26	5.18	5.19	5.16	4.19	4.94	4.95	5.86	0.485	1.67
5.94	5.84	5.77	6.31	6.03	5.93	5.91	5.88	4.42	5.52	5.54	6.78	0.769	2.36
6.34	6.24	6.12	6.51	6.3	6.2	6.18	6.16	4.76	5.89	5.91	6.96	0.706	2.20
6.15	6.04	5.97	6.47	6.21	6.11	6.09	6.06	4.36	5.59	5.64	6.88	0.862	2.52
5.49	5.54	5.47	5.77	5.37	5.52	5.57	5.56	3.90	5.22	5.30	5.91	0.477	2.01
4.44	4.55	4.38	5.06	4.72	4.51	4.53	4.56	3.41	4.45	4.36	5.76	0.558	2.35
5.34	5.38	5.31	5.74	5.36	5.37	5.45	5.43	3.87	5.15	5.23	5.96	0.489	2.09
4.31	4.38	4.26	4.99	4.67	4.44	4.47	4.47	3.36	4.40	4.26	5.73	0.570	2.37
5.63	5.66	5.64	5.81	5.41	5.7	5.74	5.7	3.97	5.33	5.47	5.82	0.469	1.85
4.15	4.3	4.31	5.13	4.58	4.55	4.57	4.33	3.58	4.44	4.38	5.54	0.484	1.96
4.44	4.42	4.43	4.96	4.74	4.66	4.69	4.65	3.90	4.61	4.53	5.37	0.313	1.47
4.1	4.07	4.08	4.97	4.71	4.47	4.52	4.41	3.71	4.49	4.32	5.80	0.492	2.09
6.35	6.26	6.2	6.68	6.4	6.33	6.31	6.28	4.21	5.59	5.67	7.02	1.012	2.81
6.78	6.7	6.62	6.79	6.77	6.71	6.65	6.58	4.01	5.63	5.67	7.06	1.217	3.05
7.19	7.11	7.04	7.1	7.04	7	6.96	6.92	5.02	6.42	6.49	7.41	0.767	2.39
7.46	7.41	7.34	7.34	7.3	7.26	7.24	7.22	6.60	7.10	7.05	7.70	0.369	1.10
6.58	6.48	6.35	6.62	6.49	6.4	6.37	6.34	4.90	6.05	6.14	7.07	0.699	2.17
4.97	4.79	4.57	5.1	4.9	4.7	4.64	4.49	2.60	4.15	4.06	5.88	1.222	3.28
5.24	5.04	4.73	5.02	4.83	4.58	4.52	4.41	3.29	4.34	4.23	5.65	0.927	2.36
7.88	7.81	7.72	7.7	7.67	7.65	7.65	7.63	7.32	7.66	7.64	8.02	0.228	0.70
7.2	7.23	7.2	7.3	7.24	7.21	7.22	7.23	6.89	7.17	7.17	7.45	0.127	0.56
7.16	7.1	7.03	7.05	7.01	6.97	6.95	6.92	5.55	6.63	6.66	7.45	0.567	1.90
6.21	6.19	6.12	6.4	6.2	6.15	6.18	6.16	4.55	5.87	5.89	6.70	0.561	2.15
7.34	7.27	7.2	7.2	7.16	7.12	7.09	7.06	6.21	6.85	6.78	7.57	0.467	1.36
6.88	6.8	6.71	6.83	6.79	6.72	6.67	6.64	4.53	6.01	6.15	7.23	0.950	2.70
7.62	7.61	7.57	7.61	7.58	7.56	7.55	7.55	7.30	7.52	7.53	7.82	0.160	0.52
6.22	6.04	5.81	6.44	6.28	6.07	5.94	5.8	3.63	5.18	5.14	6.71	1.215	3.08
4.7	4.63	4.6	5.19	5.02	4.94	4.93	4.89	3.88	4.63	4.58	5.79	0.577	1.91
4.63	4.61	4.57	5.02	4.9	4.81	4.81	4.75	3.81	4.46	4.47	5.33	0.478	1.52
4.22	4.13	4.03	4.55	4.5	4.41	4.41	4.34	3.44	4.15	4.06	5.31	0.536	1.87
1.92	1.72	1.51	2.05	2.18	2.06	2.04	1.93	0.82	1.93	1.91	3.11	0.644	2.29
1.72	1.66	1.58	1.88	1.81	1.76	1.76	1.69	1.41	1.87	1.90	2.46	0.313	1.05
3.71	3.68	3.48	3.61	3.61	3.49	3.47	3.38	2.41	3.26	3.32	4.21	0.602	1.80
2.82	2.78	2.6	2.76	2.79	2.69	2.68	2.6	1.72	2.60	2.60	3.85	0.619	2.13
3.03	3	2.84	2.97	2.99	2.89	2.88	2.8	1.93	2.77	2.82	3.80	0.567	1.87
1.32	1.34	1.3	1.32	1.31	1.29	1.28	1.27	1.16	1.41	1.39	1.73	0.181	0.57
1.33	1.37	1.32	1.38	1.34	1.31	1.32	1.29	1.18	1.45	1.47	1.75	0.189	0.57
3.96	3.86	3.66	3.75	3.73	3.6	3.6	3.49	2.12	3.37	3.34	4.86	0.941	2.74
1.92	1.92	1.87	1.97	1.99	1.89	1.86	1.82	1.26	1.87	1.87	2.52	0.402	1.26
5.61	5.53	5.44	5.6	5.58	5.52	5.45	5.38	3.34	4.71	4.74	5.94	0.989	2.60

D13Rbc_Plan6B_95_95ops_weekly

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21
D13Rbc_Plan6B_95_95ops																						
3	20457	7.95	7.98	7.98	7.92	7.89	7.86	7.81	7.77	7.73	7.7	7.68	7.61	7.53	7.47	7.41	7.3	7.24	7.37	7.33	7.23	7.72
3	20737	7.47	7.46	7.45	7.38	7.33	7.29	7.23	7.2	7.16	7.13	7.12	7.05	6.96	6.91	6.83	6.64	6.71	6.98	6.79	6.63	7.34
3	20743	6.86	6.86	6.83	6.71	6.65	6.61	6.54	6.53	6.47	6.48	6.44	6.37	6.3	6.29	6.21	6.09	6.26	6.45	6.21	6.11	7.05
3	20726	7.8	7.81	7.81	7.75	7.71	7.69	7.63	7.6	7.56	7.53	7.52	7.45	7.38	7.32	7.27	7.15	7.1	7.28	7.24	7.12	7.62
3	20980	7.94	7.99	8.01	7.97	7.95	7.94	7.89	7.85	7.82	7.79	7.78	7.71	7.63	7.57	7.51	7.4	7.35	7.44	7.39	7.3	7.81
3	21277	7.16	7.14	7.11	6.99	6.93	6.89	6.84	6.83	6.77	6.78	6.79	6.71	6.6	6.59	6.51	6.29	6.49	6.89	6.67	6.5	7.42
3	21529	7.63	7.61	7.6	7.53	7.48	7.44	7.4	7.38	7.34	7.32	7.33	7.27	7.2	7.14	7.09	6.96	6.89	7.12	7.17	7.06	7.58
3	21259	7.67	7.66	7.64	7.58	7.54	7.5	7.45	7.42	7.39	7.37	7.37	7.31	7.24	7.19	7.14	7.02	6.96	7.16	7.16	7.07	7.57
3	21891	7.59	7.57	7.56	7.48	7.43	7.4	7.36	7.34	7.3	7.28	7.3	7.25	7.15	7.08	7.04	6.87	6.79	7.14	7.2	7.04	7.61
3	21971	7.47	7.46	7.44	7.38	7.34	7.3	7.24	7.2	7.16	7.14	7.15	7.09	7.02	6.96	6.91	6.8	6.74	6.89	6.9	6.81	7.32
3	22335	7.39	7.37	7.36	7.28	7.22	7.17	7.11	7.07	7.03	7.01	7.02	6.97	6.89	6.82	6.77	6.65	6.57	6.81	6.85	6.72	7.24
3	23325	7.03	7	6.99	6.91	6.81	6.73	6.65	6.6	6.54	6.52	6.55	6.47	6.36	6.22	6.11	5.86	5.87	6.28	6.16	5.98	6.78
3	23331	7.09	7.09	7.09	6.92	6.78	6.7	6.62	6.59	6.53	6.53	6.58	6.49	6.36	6.27	6.21	5.98	6.02	6.45	6.37	6.17	6.92
3	20297	7.54	7.56	7.55	7.47	7.39	7.32	7.25	7.2	7.16	7.13	7.18	7.1	6.97	6.85	6.78	6.55	6.58	6.88	6.79	6.58	7.26
3	20477	7.1	7.14	7.11	6.95	6.87	6.8	6.72	6.69	6.63	6.64	6.67	6.56	6.44	6.39	6.32	6.17	6.28	6.57	6.42	6.21	7.14
3	20838	6.63	6.67	6.65	6.55	6.47	6.4	6.34	6.35	6.29	6.32	6.41	6.26	6.13	6.09	6.07	5.93	6.03	6.38	6.29	5.99	7.11
3	21017	6.38	6.42	6.39	6.3	6.24	6.19	6.13	6.14	6.09	6.13	6.19	6.07	5.97	5.95	5.92	5.8	5.92	6.2	6.1	5.87	6.91
3	20925	6.13	6.13	6.1	6.02	6.01	5.98	5.94	5.95	5.91	5.95	5.91	5.88	5.85	5.86	5.81	5.75	5.91	6	5.84	5.79	6.61
3	21105	5.81	5.78	5.74	5.7	5.7	5.69	5.65	5.67	5.65	5.67	5.66	5.65	5.63	5.63	5.61	5.59	5.67	5.73	5.66	5.62	6.11
3	21007	7.22	7.21	7.18	7.09	7.03	6.98	6.91	6.89	6.82	6.81	6.8	6.71	6.6	6.58	6.49	6.31	6.5	6.79	6.54	6.39	7.24
3	20469	7.68	7.68	7.67	7.61	7.57	7.53	7.47	7.44	7.4	7.36	7.35	7.29	7.21	7.15	7.09	6.96	6.92	7.15	7.07	6.92	7.46
3	21094	7.37	7.36	7.33	7.25	7.2	7.16	7.1	7.07	7.03	7.01	7.01	6.94	6.84	6.79	6.72	6.52	6.63	6.97	6.78	6.61	7.33
3	19761	7.28	7.3	7.26	7.16	7.03	6.94	6.84	6.8	6.76	6.72	6.83	6.71	6.54	6.4	6.36	6.16	6.05	6.53	6.63	6.26	6.9
3	19766	6.76	6.74	6.66	6.53	6.37	6.19	5.96	5.85	5.79	5.72	5.78	5.66	5.42	5.23	5.15	4.93	4.91	5.51	5.52	5.23	6.33
3	20031	7.23	7.25	7.22	7.13	7.01	6.91	6.8	6.76	6.72	6.66	6.76	6.67	6.49	6.31	6.23	6	5.95	6.41	6.47	6.17	6.89
3	20036	6.57	6.57	6.49	6.26	6.04	5.81	5.65	5.62	5.55	5.49	5.57	5.42	5.17	5.04	5.01	4.78	4.8	5.54	5.52	5.17	6.61
3	20390	7.22	7.27	7.24	7.12	6.97	6.89	6.81	6.8	6.73	6.75	6.88	6.67	6.5	6.42	6.41	6.22	6.26	6.73	6.68	6.26	7.14
3	20396	5.52	5.6	5.61	5.34	5.2	5.22	5.47	5.43	5.07	5.04	5.08	4.91	4.79	4.99	4.9	4.86	5.04	5.7	5.51	5.09	6.36
3	20931	6.6	6.68	6.66	6.49	6.38	6.29	6.24	6.28	6.18	6.21	6.33	6.14	5.96	5.93	5.93	5.73	5.88	6.54	6.34	5.93	7.51
3	20936	5.83	5.94	5.96	5.68	5.55	5.45	5.51	5.63	5.42	5.4	5.5	5.33	5.11	5.18	5.23	5	5.24	6.23	5.91	5.44	7.38
3	21271	7.52	7.5	7.47	7.4	7.35	7.31	7.27	7.25	7.22	7.2	7.21	7.15	7.07	7.02	6.97	6.77	6.81	7.17	7.05	6.9	7.54
3	21791	7.53	7.52	7.51	7.45	7.41	7.37	7.31	7.28	7.24	7.22	7.22	7.16	7.09	7.04	6.99	6.88	6.83	6.95	6.96	6.89	7.4
3	20890	8	8.06	8.08	8.05	8.02	8.01	7.96	7.93	7.89	7.86	7.85	7.77	7.69	7.63	7.57	7.46	7.4	7.5	7.44	7.35	7.85
3	19990	8.65	8.75	8.78	8.74	8.71	8.69	8.61	8.56	8.52	8.46	8.43	8.32	8.23	8.14	8.07	7.95	7.85	7.88	7.81	7.72	8.22
3	20378	7.8	7.81	7.8	7.74	7.7	7.66	7.6	7.56	7.52	7.49	7.48	7.41	7.33	7.26	7.2	7.09	7.02	7.2	7.16	7.04	7.54
3	24577	6.08	6.03	5.99	5.91	5.84	5.76	5.75	5.69	5.51	5.45	5.47	5.17	4.86	4.69	4.65	4.32	4.16	4.53	4.77	4.62	5.79
3	24587	5.56	5.48	5.42	5.26	5.18	5.02	4.99	4.89	4.72	4.85	4.87	4.67	4.46	4.4	4.41	4.18	4.1	4.56	4.79	4.56	5.7
3	19177	9.93	9.96	9.93	9.83	9.75	9.66	9.5	9.4	9.34	9.27	9.2	9.06	8.94	8.87	8.77	8.59	8.44	8.39	8.33	8.24	8.7
3	19213	8.71	8.76	8.73	8.65	8.58	8.51	8.42	8.35	8.31	8.24	8.22	8.13	8.01	7.91	7.84	7.71	7.59	7.62	7.64	7.56	8.04
3	20357	8.15	8.2	8.22	8.18	8.15	8.13	8.07	8.03	8	7.96	7.94	7.85	7.77	7.71	7.64	7.53	7.46	7.56	7.5	7.41	7.91
3	20206	7.74	7.76	7.74	7.68	7.61	7.55	7.48	7.43	7.4	7.36	7.37	7.31	7.21	7.11	7.04	6.91	6.83	7.01	7.02	6.89	7.39
3	20350	8.31	8.4	8.43	8.4	8.37	8.36	8.3	8.26	8.23	8.18	8.16	8.07	7.98	7.91	7.84	7.72	7.64	7.71	7.64	7.55	8.05
3	20900	7.81	7.82	7.81	7.76	7.72	7.7	7.64	7.61	7.58	7.55	7.54	7.47	7.4	7.34	7.29	7.18	7.13	7.29	7.26	7.15	7.65
3	19274	9.07	9.15	9.15	9.08	9.02	8.97	8.88	8.81	8.76	8.69	8.64	8.54	8.43	8.33	8.26	8.13	8	8	7.95	7.87	8.38
3	23229	6.97	6.94	6.91	6.84	6.8	6.75	6.7	6.65	6.58	6.56	6.57	6.49	6.37	6.21	6.08	5.82	5.74	6.1	6	5.8	6.75
3	21914	5.66	5.68	5.68	5.51	5.49	5.41	5.34	5.36	5.28	5.38	5.45	5.32	5.19	5.23	5.21	4.99	5.17	5.88	5.69	5.38	7.1
3	23881	5.39	5.39	5.4	5.29	5.27	5.16	5.12	5.1	5.03	5.13	5.15	5.05	4.94	4.93	4.92	4.74	4.8	5.24	5.2	5.01	6.26
3	23894	4.87	4.9	4.92	4.76	4.8	4.69	4.63	4.62	4.54	4.67	4.75	4.61	4.47	4.47	4.48	4.29	4.36	4.98	5.02	4.69	6.7
3	24628	2.42	2.42	2.47	2.31	2.39	2.34	2.31	2.27	2.17	2.23	2.31	2.22	2.09	2.07	2.11	1.97	2.08	2.65	2.93	2.49	4.45
3	24900	1.86	1.87	1.9	1.82	1.89	1.81	1.84	2.02	2.01	2.11	2.1	2.06	2.02	2.07	2.06	2	2.12	2.35	2.29	2.14	3.42
3	25681	3.83	3.8	3.79	3.67	3.72	3.62	3.65	3.58	3.49	3.61	3.69	3.56	3.42	3.36	3.4	3.17	3.14	3.56	3.88	3.67	4.96
3	25694	3.07	3.02	3.03	2.85	2.93	2.83	2.8	2.75	2.65	2.78	2.96	2.82	2.62	2.55	2.6	2.4	2.37	2.92	3.45	3.04	4.99
3	25868	3.25	3.21	3.22	3.07	3.15	3.04	3.05	2.99	2.89	3.02	3.14	3.01	2.84	2.78	2.82	2.61	2.59	3.08	3.49	3.16	4.69
3	26704	1.53	1.46	1.45	1.37	1.35	1.31	1.29	1.35	1.37	1.42	1.49	1.46	1.41	1.41	1.42	1.37	1.37	1.49	1.51	1.45	1.98
3	26616	1.52	1.44	1.45	1.37	1.37	1.32	1.31	1.39	1.42	1.52	1.58	1.51	1.46	1.49	1.47	1.41	1.48	1.58	1.56	1.51	2.06
3	25660	4.78	4.6	4.49	4.27	4.23	4.09	4.24	4.13	3.89	4.02	4.12	3.87	3.6	3.51	3.52	3.25	3.18	3.56	3.99	3.8	4.93
3	26763	2.38	2.33	2.31	2.25	2.23	2.18	2.15	2.12	2.09	2.1	2.21	2.16	2.04	1.86	1.81	1.68	1.71	2.14	2.28	2.12	2.68
3	23403	6.4	6.41	6.41	6.36	6.33	6.31															

D13Rbc_Plan6B_95_95ops_weekly

Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46
8.15	8.24	8.2	8.52	8.86	8.7	8.57	8.5	8.42	8.51	8.49	8.36	8.35	8.41	8.36	8.38	8.31	8.26	8.29	8.32	8.57	8.69	8.61	8.57	8.46
7.77	7.82	7.75	8.07	8.38	8.21	8.08	8	7.92	8	7.99	7.86	7.87	7.92	7.86	7.88	7.8	7.76	7.78	7.78	8.04	8.16	8.07	8.01	7.9
7.3	7.33	7.22	7.58	7.86	7.66	7.52	7.44	7.38	7.48	7.47	7.33	7.36	7.41	7.34	7.37	7.27	7.23	7.25	7.25	7.56	7.68	7.56	7.49	7.36
8.07	8.16	8.12	8.43	8.77	8.62	8.5	8.42	8.34	8.42	8.4	8.27	8.25	8.3	8.25	8.26	8.18	8.14	8.16	8.17	8.43	8.55	8.48	8.43	8.32
8.24	8.33	8.31	8.61	8.93	8.8	8.69	8.64	8.57	8.68	8.63	8.49	8.44	8.48	8.45	8.47	8.39	8.34	8.38	8.41	8.69	8.78	8.71	8.68	8.56
7.94	7.86	7.69	7.98	8.47	8.23	7.98	7.81	7.7	7.79	7.81	7.63	7.64	7.77	7.66	7.67	7.56	7.51	7.54	7.51	7.9	8.05	7.87	7.73	7.57
8.18	8.22	8.13	8.4	8.88	8.72	8.5	8.34	8.23	8.32	8.31	8.16	8.12	8.23	8.16	8.16	8.07	8.01	8.02	8.01	8.32	8.5	8.37	8.25	8.11
8.12	8.22	8.15	8.42	8.82	8.71	8.53	8.4	8.3	8.38	8.36	8.21	8.18	8.25	8.2	8.2	8.11	8.06	8.07	8.06	8.35	8.51	8.41	8.32	8.18
8.26	8.21	8.08	8.35	8.95	8.7	8.42	8.24	8.13	8.23	8.23	8.06	8.04	8.18	8.09	8.1	8	7.94	7.96	7.94	8.29	8.47	8.3	8.16	8.01
7.79	7.93	7.93	8.21	8.55	8.44	8.3	8.19	8.11	8.21	8.18	8.03	7.99	8.05	8.02	8.05	7.95	7.89	7.9	7.89	8.16	8.3	8.21	8.12	7.99
7.77	7.86	7.82	8.09	8.48	8.34	8.15	8.02	7.93	8.03	8.01	7.86	7.83	7.91	7.87	7.9	7.8	7.75	7.76	7.75	8.02	8.17	8.05	7.94	7.81
7.23	7.33	7.34	7.61	7.91	7.76	7.6	7.49	7.44	7.54	7.51	7.39	7.38	7.43	7.42	7.45	7.36	7.35	7.35	7.34	7.57	7.68	7.55	7.45	7.34
7.25	7.23	7.22	7.4	7.74	7.52	7.29	7.22	7.22	7.24	7.23	7.2	7.21	7.22	7.22	7.23	7.21	7.2	7.2	7.21	7.33	7.41	7.26	7.22	7.18
7.68	7.7	7.63	7.98	8.29	8.01	7.83	7.75	7.7	7.79	7.8	7.69	7.76	7.88	7.82	7.84	7.75	7.7	7.75	7.77	8.02	8.14	8	7.9	7.8
7.41	7.37	7.25	7.66	8	7.66	7.46	7.39	7.34	7.45	7.45	7.32	7.41	7.52	7.46	7.47	7.37	7.33	7.37	7.39	7.7	7.8	7.62	7.52	7.41
6.88	6.84	6.69	7.35	7.17	6.77	6.72	6.72	6.75	6.84	6.76	6.71	6.91	6.89	6.82	6.81	6.75	6.8	6.79	6.82	7.19	7.04	6.82	6.76	6.72
6.61	6.6	6.45	7.11	6.85	6.53	6.48	6.47	6.5	6.58	6.5	6.46	6.64	6.6	6.55	6.54	6.49	6.54	6.52	6.55	6.88	6.73	6.55	6.49	6.46
6.42	6.44	6.34	6.84	6.85	6.63	6.51	6.45	6.43	6.49	6.44	6.37	6.45	6.41	6.39	6.4	6.34	6.35	6.32	6.33	6.58	6.57	6.47	6.43	6.36
5.96	5.95	5.91	6.26	6.12	5.99	5.93	5.9	5.9	5.93	5.9	5.88	5.93	5.89	5.88	5.89	5.88	5.87	5.87	5.87	5.97	5.96	5.9	5.89	5.86
7.66	7.71	7.61	7.91	8.24	8.08	7.93	7.82	7.73	7.8	7.8	7.67	7.67	7.73	7.66	7.67	7.59	7.55	7.56	7.54	7.83	7.97	7.86	7.78	7.66
7.88	7.93	7.88	8.2	8.52	8.34	8.19	8.11	8.04	8.12	8.12	8	8.01	8.08	8.03	8.06	7.98	7.93	7.96	7.97	8.22	8.35	8.26	8.19	8.08
7.84	7.9	7.8	8.08	8.45	8.3	8.13	8.01	7.91	7.98	7.98	7.85	7.83	7.91	7.83	7.84	7.76	7.71	7.73	7.71	8	8.15	8.05	7.95	7.82
7.31	7.39	7.34	7.68	7.88	7.57	7.42	7.36	7.33	7.38	7.37	7.31	7.43	7.59	7.51	7.5	7.43	7.39	7.43	7.46	7.73	7.74	7.58	7.48	7.39
7.1	7.24	7.17	7.5	7.84	7.57	7.27	7.08	6.94	6.98	7.01	6.9	7.01	7.24	7.21	7.22	7.1	6.98	7.04	7.07	7.32	7.47	7.32	7.13	6.94
7.4	7.44	7.36	7.69	7.95	7.63	7.44	7.37	7.32	7.39	7.4	7.31	7.42	7.58	7.51	7.51	7.42	7.37	7.42	7.45	7.7	7.78	7.6	7.48	7.37
7.34	7.32	7.16	7.55	7.92	7.57	7.21	7.02	6.86	7.01	7	6.84	7.04	7.26	7.18	7.21	7.02	6.92	7	7.05	7.36	7.53	7.31	7.06	6.77
7.32	7.31	7.22	7.58	7.74	7.35	7.27	7.26	7.27	7.35	7.32	7.25	7.39	7.51	7.39	7.38	7.33	7.33	7.37	7.39	7.7	7.64	7.44	7.36	7.3
6.28	6.14	5.91	6.55	6.38	5.95	5.87	5.85	5.79	5.99	5.93	5.86	6.05	5.98	5.94	5.94	5.84	5.89	5.91	5.92	6.27	6.18	5.91	5.79	5.57
7.7	7.34	6.88	7.76	7.97	7.03	6.81	6.78	6.78	7.02	6.98	6.77	7.08	7.12	6.94	6.97	6.78	6.85	6.94	6.95	7.62	7.5	6.97	6.79	6.66
8.12	7.35	6.53	7.6	8.28	6.7	6.26	6.2	6.13	6.55	6.64	6.21	6.59	6.68	6.38	6.47	6.12	6.21	6.45	6.41	7.34	7.34	6.46	6.12	5.84
8.15	8.14	8.02	8.28	8.77	8.59	8.35	8.19	8.08	8.16	8.17	8.01	7.99	8.11	8.01	8.02	7.93	7.87	7.89	7.86	8.2	8.38	8.24	8.11	7.96
7.86	8	7.99	8.28	8.62	8.5	8.37	8.26	8.18	8.28	8.25	8.1	8.06	8.11	8.08	8.1	8.01	7.95	7.96	7.96	8.23	8.36	8.27	8.19	8.06
8.28	8.37	8.34	8.65	8.97	8.83	8.72	8.68	8.61	8.73	8.67	8.54	8.48	8.53	8.5	8.51	8.43	8.39	8.43	8.47	8.75	8.83	8.77	8.74	8.62
8.65	8.72	8.67	8.96	9.28	9.12	8.99	8.96	8.89	9.02	8.96	8.84	8.81	8.91	8.94	8.96	8.89	8.86	8.94	9.05	9.32	9.36	9.29	9.27	9.16
7.97	8.03	7.98	8.31	8.63	8.45	8.3	8.22	8.15	8.23	8.23	8.11	8.12	8.2	8.15	8.18	8.1	8.04	8.07	8.1	8.34	8.47	8.38	8.32	8.21
6.35	6.41	6.47	6.75	7.04	6.85	6.74	6.65	6.58	6.69	6.69	6.58	6.52	6.63	6.65	6.67	6.6	6.66	6.7	6.67	6.87	7	6.86	6.75	6.59
6.16	6.14	6.12	6.34	6.61	6.39	6.26	6.21	6.22	6.39	6.41	6.29	6.25	6.35	6.35	6.39	6.3	6.33	6.34	6.32	6.55	6.69	6.53	6.39	6.23
8.95	8.92	8.84	9.1	9.4	9.25	9.17	9.16	9.14	9.25	9.26	9.22	9.29	9.64	9.77	9.77	9.72	9.66	9.71	9.84	10.12	10.19	10.15	10.1	9.93
8.42	8.42	8.36	8.68	8.95	8.74	8.57	8.51	8.47	8.57	8.56	8.48	8.57	8.77	8.79	8.84	8.77	8.72	8.78	8.86	9.12	9.17	9.07	9	8.9
8.34	8.42	8.39	8.71	9.05	8.9	8.77	8.72	8.64	8.75	8.7	8.58	8.55	8.61	8.58	8.59	8.52	8.47	8.52	8.57	8.83	8.93	8.86	8.82	8.71
7.84	7.89	7.83	8.18	8.49	8.25	8.07	7.98	7.92	8.01	8.02	7.91	7.96	8.08	8.03	8.06	7.97	7.91	7.95	7.98	8.23	8.36	8.24	8.15	8.04
8.48	8.56	8.51	8.82	9.15	9	8.88	8.85	8.77	8.9	8.84	8.71	8.66	8.73	8.72	8.73	8.66	8.62	8.69	8.77	9.04	9.1	9.03	9.02	8.91
8.11	8.22	8.18	8.49	8.82	8.69	8.57	8.49	8.4	8.48	8.46	8.32	8.29	8.34	8.29	8.3	8.22	8.18	8.2	8.21	8.47	8.59	8.52	8.47	8.35
8.77	8.78	8.71	9	9.3	9.12	8.97	8.93	8.88	8.99	8.96	8.87	8.9	9.09	9.16	9.2	9.13	9.09	9.18	9.3	9.56	9.57	9.5	9.47	9.36
7.16	7.29	7.36	7.66	7.98	7.82	7.72	7.65	7.58	7.71	7.69	7.54	7.49	7.55	7.54	7.59	7.49	7.46	7.47	7.46	7.7	7.83	7.73	7.63	7.5
7.7	7.26	6.59	7.33	7.83	6.94	6.53	6.27	6.17	6.45	6.37	6.02	6.28	6.4	6.21	6.36	6.08	6.08	6.14	6.12	7.03	6.97	6.36	6.03	5.76
6.13	5.96	5.74	6.35	6.27	5.82	5.78	5.64	5.65	5.81	5.67	5.52	5.68	5.7	5.65	5.73	5.57	5.61	5.6	5.62	6.04	5.97	5.65	5.54	5.43
6.8	6.29	5.78	6.7	6.69	5.71	5.66	5.46	5.38	5.75	5.59	5.21	5.47	5.61	5.42	5.7	5.32	5.34	5.41	5.4	6.18	6.13	5.41	5.14	4.9
4.34	3.74	3.2	4.12	3.96	3.09	3.32	3.09	2.91	3.22	3.27	2.98	3.24	3.14	2.95	3.45	3.04	3.04	3.19	3.14	3.47	3.55	2.81	2.5	2.29
2.74	2.59	2.29	3.12	2.58	2.25	2.57	2.29	2.29	2.45	2.41	2.26	2.52	2.27	2.29	2.55	2.27	2.35	2.41	2.38	2.51	2.41	1.96	1.88	1.82
5.06	4.8	4.53	5.04	4.94	4.51	4.41	4.27	4.27	4.53	4.46	4.34	4.44	4.51	4.38	4.48	4.32	4.43	4.41	4.38	4.88	4.86	4.42	4.22	4.03
5.2	4.83	4.39	5.06	4.92	4.21	4.09	3.85	3.68	4.15	4.12	3.84	3.98	4.14	3.89	4.15	3.81	3.96	4.01	3.95	4.69	4.79	3.94	3.48	3.13
4.77	4.56	4.22	4.74	4.59	4.12	4	3.79	3.71	4.08	4.02	3.84	3.97	4.06	3.87	4.03	3.78	3.95	3.94	3.89	4.53	4.52	3.9	3.59	3.32
2.34	2.35	2.18	2.27	2.31																				

D13Rbc_Plan6B_95_95ops_weekly

Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
8.35	8.24	8.16	8.08	8	7.92	7.23	8.08	8.18	8.86	0.431	1.63
7.79	7.7	7.62	7.55	7.47	7.4	6.63	7.56	7.73	8.38	0.452	1.75
7.24	7.15	7.04	6.9	6.81	6.73	6.09	7.00	7.19	7.86	0.490	1.77
8.2	8.1	8.02	7.94	7.86	7.79	7.10	7.96	8.09	8.77	0.445	1.67
8.45	8.34	8.25	8.16	8.08	8.01	7.30	8.17	8.28	8.93	0.441	1.63
7.43	7.32	7.24	7.16	7.06	6.98	6.29	7.33	7.43	8.47	0.527	2.18
7.97	7.86	7.78	7.7	7.62	7.55	6.89	7.82	7.92	8.88	0.498	1.99
8.05	7.94	7.86	7.78	7.7	7.63	6.96	7.86	8.00	8.82	0.490	1.86
7.87	7.75	7.68	7.61	7.53	7.47	6.79	7.77	7.81	8.95	0.498	2.16
7.86	7.76	7.68	7.6	7.53	7.45	6.74	7.65	7.78	8.55	0.498	1.81
7.69	7.58	7.51	7.44	7.37	7.3	6.57	7.52	7.64	8.48	0.490	1.91
7.24	7.15	7.09	7.03	6.96	6.88	5.86	7.03	7.19	7.91	0.528	2.05
7.1	7.06	7.03	6.97	6.91	6.81	5.98	6.95	7.10	7.74	0.409	1.76
7.7	7.62	7.55	7.45	7.35	7.25	6.55	7.50	7.63	8.29	0.422	1.74
7.31	7.23	7.12	6.92	6.83	6.74	6.17	7.10	7.24	8.00	0.458	1.83
6.68	6.65	6.56	6.43	6.37	6.3	5.93	6.61	6.69	7.35	0.321	1.42
6.43	6.41	6.33	6.22	6.17	6.11	5.80	6.38	6.44	7.11	0.281	1.31
6.3	6.27	6.18	6.09	6.06	6.03	5.75	6.23	6.31	6.85	0.281	1.10
5.86	5.84	5.82	5.73	5.71	5.71	5.59	5.82	5.86	6.26	0.146	0.67
7.54	7.45	7.36	7.28	7.2	7.13	6.31	7.33	7.50	8.24	0.499	1.93
7.97	7.88	7.81	7.73	7.66	7.58	6.92	7.75	7.88	8.52	0.412	1.60
7.7	7.6	7.52	7.44	7.36	7.29	6.52	7.51	7.65	8.45	0.492	1.93
7.31	7.23	7.13	6.99	6.87	6.77	6.05	7.13	7.31	7.88	0.437	1.83
6.75	6.58	6.42	6.27	6.05	5.82	4.91	6.53	6.76	7.84	0.770	2.93
7.28	7.19	7.11	6.98	6.85	6.74	5.95	7.11	7.27	7.95	0.479	2.00
6.5	6.28	6.08	5.89	5.67	5.49	4.78	6.43	6.59	7.92	0.853	3.14
7.25	7.2	7.1	6.92	6.82	6.72	6.22	7.09	7.25	7.74	0.382	1.52
5.33	5.17	5.07	4.98	4.88	4.82	4.79	5.59	5.66	6.55	0.482	1.76
6.56	6.5	6.42	6.29	6.21	6.13	5.73	6.68	6.67	7.97	0.523	2.24
5.62	5.5	5.44	5.35	5.27	5.21	5.00	6.10	6.04	8.28	0.783	3.28
7.83	7.72	7.63	7.56	7.48	7.42	6.77	7.70	7.78	8.77	0.494	2.00
7.93	7.83	7.75	7.67	7.59	7.52	6.83	7.72	7.85	8.62	0.494	1.79
8.51	8.4	8.31	8.22	8.14	8.07	7.35	8.23	8.33	8.97	0.435	1.62
9.05	8.93	8.82	8.73	8.64	8.56	7.72	8.70	8.77	9.36	0.409	1.64
8.1	8.01	7.93	7.85	7.77	7.7	7.02	7.87	7.98	8.63	0.414	1.61
6.45	6.34	6.25	6.16	6.08	6.01	4.16	6.06	6.35	7.04	0.777	2.88
6.1	5.93	5.76	5.61	5.44	5.5	4.10	5.67	6.02	6.69	0.766	2.59
9.75	9.59	9.48	9.37	9.27	9.18	8.24	9.35	9.32	10.19	0.493	1.95
8.78	8.66	8.56	8.47	8.36	8.27	7.56	8.48	8.56	9.17	0.403	1.61
8.6	8.5	8.4	8.32	8.23	8.16	7.41	8.31	8.40	9.05	0.430	1.64
7.94	7.85	7.77	7.69	7.59	7.5	6.83	7.72	7.84	8.49	0.411	1.66
8.79	8.68	8.59	8.49	8.41	8.33	7.55	8.48	8.54	9.15	0.416	1.60
8.24	8.13	8.04	7.96	7.88	7.81	7.13	7.99	8.12	8.82	0.458	1.69
9.23	9.1	8.99	8.89	8.8	8.71	7.87	8.88	8.97	9.57	0.412	1.70
7.37	7.26	7.18	7.1	7.03	6.95	5.74	7.08	7.22	7.98	0.603	2.24
5.58	5.53	5.52	5.48	5.46	5.4	4.99	5.99	5.82	7.83	0.696	2.84
5.35	5.35	5.37	5.33	5.3	5.22	4.74	5.47	5.42	6.35	0.383	1.61
4.76	4.75	4.78	4.74	4.73	4.68	4.29	5.21	5.00	6.80	0.657	2.51
2.11	2.12	2.1	2.08	2.1	2.05	1.97	2.78	2.58	4.45	0.646	2.48
1.79	1.82	1.8	1.81	1.81	1.81	1.79	2.19	2.13	3.42	0.343	1.63
3.91	3.87	3.8	3.73	3.69	3.65	3.14	4.08	3.97	5.06	0.516	1.92
2.94	2.89	2.87	2.82	2.79	2.75	2.37	3.51	3.29	5.20	0.798	2.83
3.18	3.15	3.12	3.08	3.05	3	2.59	3.57	3.41	4.77	0.611	2.18
1.5	1.42	1.37	1.33	1.3	1.29	1.29	1.70	1.58	2.35	0.330	1.06
1.48	1.4	1.35	1.32	1.31	1.32	1.31	1.73	1.60	2.41	0.337	1.10
5.22	5.1	4.95	4.74	4.54	4.36	3.18	4.81	5.16	5.78	0.768	2.60
2.4	2.34	2.29	2.25	2.22	2.18	1.68	2.45	2.45	3.14	0.354	1.46
6.71	6.61	6.55	6.48	6.42	6.36	5.64	6.51	6.57	7.19	0.410	1.55

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21	
D13Rbc_Plan6B_89_95ops																							
3	20457	6.27	6.06	5.89	5.98	5.8	5.63	5.48	5.37	5.3	5.28	5.19	5.08	5	5.38	5.52	5.6	5.58	5.77	5.58	5.69	5.62	
3	20737	5.34	5.21	5.12	5.36	5.16	5.01	4.89	4.85	4.83	4.82	4.75	4.65	4.6	4.87	4.97	5.08	5.03	5.28	5.1	5.21	5.11	
3	20743	5.05	4.95	4.9	5.14	4.95	4.84	4.75	4.74	4.73	4.74	4.68	4.6	4.57	4.79	4.82	4.93	4.86	5.08	4.89	4.99	4.86	
3	20726	5.76	5.59	5.44	5.61	5.42	5.24	5.09	5	4.95	4.93	4.85	4.73	4.64	4.97	5.13	5.22	5.21	5.45	5.29	5.41	5.36	
3	20980	6.38	6.32	6.22	6.2	6.04	5.76	5.54	5.39	5.28	5.21	5.08	4.92	4.79	5.08	5.31	5.35	5.36	5.56	5.43	5.56	5.54	
3	21277	4.68	4.54	4.49	4.79	4.65	4.52	4.42	4.4	4.39	4.39	4.33	4.25	4.2	4.34	4.41	4.57	4.55	4.86	4.73	4.83	4.71	
3	21529	4.83	4.67	4.57	4.81	4.68	4.54	4.4	4.35	4.34	4.32	4.26	4.17	4.11	4.25	4.34	4.47	4.51	4.8	4.72	4.82	4.76	
3	21259	5.07	4.91	4.79	5.02	4.87	4.71	4.56	4.5	4.48	4.46	4.39	4.29	4.22	4.4	4.53	4.65	4.68	4.97	4.88	5	4.94	
3	21891	4.62	4.46	4.38	4.64	4.53	4.39	4.27	4.24	4.23	4.22	4.17	4.08	4.04	4.14	4.21	4.34	4.38	4.65	4.58	4.65	4.58	
3	21971	4.74	4.62	4.49	4.68	4.56	4.41	4.28	4.21	4.18	4.17	4.11	4.02	3.96	4.07	4.13	4.22	4.3	4.55	4.52	4.59	4.55	
3	22335	4.55	4.42	4.31	4.53	4.42	4.29	4.17	4.12	4.11	4.1	4.05	3.96	3.91	3.99	4.04	4.15	4.22	4.47	4.44	4.49	4.43	
3	23325	4.33	4.2	4.11	4.33	4.23	4.1	3.98	3.96	3.94	3.94	3.89	3.81	3.77	3.81	3.83	3.94	4.01	4.24	4.22	4.22	4.17	
3	23331	4.27	4.14	4.08	4.35	4.25	4.13	4.03	4.02	4.01	4.01	3.97	3.89	3.86	3.91	3.94	4.07	4.1	4.33	4.27	4.27	4.2	
3	20297	5.64	5.58	5.54	5.62	5.41	5.39	5.39	5.34	5.37	5.42	5.37	5.34	5.31	5.46	5.27	5.27	5.04	5.16	4.92	4.87	4.72	
3	20477	5.23	5.17	5.15	5.27	5.09	5.06	5.03	5.01	5.03	5.06	5.02	4.98	4.95	5.09	4.97	5.01	4.83	4.98	4.78	4.78	4.64	
3	20838	4.58	4.57	4.58	4.66	4.6	4.57	4.54	4.55	4.55	4.56	4.53	4.51	4.49	4.58	4.55	4.62	4.53	4.63	4.53	4.54	4.44	
3	21017	4.58	4.56	4.56	4.68	4.6	4.56	4.52	4.54	4.53	4.54	4.51	4.48	4.45	4.55	4.53	4.62	4.53	4.67	4.55	4.58	4.46	
3	20925	4.81	4.74	4.72	4.94	4.78	4.69	4.62	4.63	4.62	4.63	4.57	4.51	4.48	4.65	4.66	4.78	4.69	4.91	4.74	4.83	4.69	
3	21105	4.7	4.63	4.63	4.83	4.69	4.62	4.56	4.57	4.56	4.57	4.52	4.47	4.44	4.58	4.58	4.7	4.61	4.81	4.66	4.73	4.59	
3	21007	5.07	4.93	4.86	5.14	4.95	4.81	4.7	4.67	4.66	4.65	4.59	4.49	4.44	4.65	4.75	4.88	4.84	5.14	4.97	5.1	4.99	
3	20469	5.67	5.54	5.44	5.63	5.43	5.28	5.16	5.12	5.08	5.08	5.02	4.92	4.88	5.19	5.27	5.34	5.28	5.47	5.25	5.33	5.22	
3	21094	5.07	4.92	4.83	5.11	4.93	4.78	4.66	4.63	4.61	4.6	4.53	4.43	4.37	4.58	4.69	4.83	4.8	5.12	4.97	5.1	5	
3	19761	5.32	5.3	5.25	5.31	5.13	5.16	5.19	5.12	5.2	5.24	5.22	5.2	5.18	5.24	4.99	4.97	4.66	4.81	4.58	4.48	4.34	
3	19766	4.1	4.09	4.11	4.25	4.12	4.04	4	4	4.01	4.09	4.09	4.04	4.07	4.34	4.2	4.15	4.1	4.15	3.94	3.89	3.74	
3	20031	5.15	5.13	5.12	5.21	5.02	5	5.01	4.97	5.01	5.08	5.05	5.03	5.02	5.14	4.92	4.89	4.66	4.76	4.54	4.45	4.31	
3	20036	4.01	4.03	4.05	4.25	4.1	3.98	3.94	3.94	3.93	4.02	4.03	3.98	4	4.23	4.11	4.09	4.02	4.1	3.89	3.86	3.71	
3	20390	5.6	5.57	5.49	5.54	5.34	5.42	5.46	5.35	5.47	5.49	5.48	5.47	5.39	5.38	5.1	5.11	4.69	4.91	4.67	4.56	4.43	
3	20396	4.37	4.45	4.44	4.68	4.34	4.27	4.22	4.08	4.2	4.36	4.42	4.34	4.17	4.21	4.03	4.03	3.88	4.09	3.9	3.94	3.85	
3	20931	4.39	4.42	4.46	4.62	4.52	4.46	4.42	4.44	4.44	4.47	4.44	4.41	4.39	4.48	4.43	4.55	4.42	4.58	4.45	4.47	4.35	
3	20936	4.07	4.17	4.26	4.6	4.39	4.23	4.16	4.16	4.15	4.24	4.25	4.19	4.13	4.22	4.15	4.29	4.12	4.39	4.19	4.22	4.1	
3	21271	4.88	4.71	4.63	4.91	4.76	4.62	4.49	4.46	4.45	4.43	4.38	4.28	4.22	4.38	4.48	4.63	4.63	4.95	4.83	4.95	4.86	
3	21791	4.84	4.71	4.58	4.76	4.63	4.48	4.34	4.27	4.24	4.23	4.17	4.07	4.01	4.15	4.21	4.29	4.37	4.62	4.59	4.68	4.64	
3	20890	6.45	6.39	6.32	6.31	6.25	6.13	5.84	5.7	5.55	5.46	5.32	5.16	5.02	5.32	5.55	5.6	5.6	5.76	5.64	5.78	5.74	
3	19990	6.91	6.87	6.84	6.84	6.81	6.77	6.73	6.69	6.66	6.65	6.64	6.62	6.6	6.73	6.82	6.83	6.83	6.84	6.8	6.79	6.78	
3	20378	5.92	5.78	5.66	5.81	5.62	5.47	5.34	5.28	5.24	5.24	5.17	5.07	5.03	5.37	5.44	5.5	5.45	5.61	5.39	5.46	5.35	
3	24577	3.58	3.51	3.41	3.52	3.39	3.24	3.09	2.98	2.9	2.92	2.86	2.73	2.62	2.62	2.61	2.61	2.72	2.84	2.94	2.93	2.96	
3	24587	3.78	3.64	3.5	3.67	3.52	3.43	3.41	3.4	3.38	3.4	3.37	3.33	3.31	3.33	3.32	3.37	3.38	3.52	3.49	3.44	3.41	
3	19177	7.46	7.46	7.45	7.47	7.45	7.44	7.42	7.42	7.41	7.42	7.41	7.41	7.4	7.5	7.52	7.52	7.49	7.53	7.49	7.46	7.45	
3	19213	7.14	7.13	7.12	7.14	7.11	7.09	7.08	7.07	7.07	7.08	7.08	7.07	7.08	7.16	7.14	7.12	7.11	7.09	7.04	7.03	7	
3	20357	6.63	6.55	6.47	6.45	6.38	6.31	6.21	6.05	5.94	5.87	5.77	5.64	5.54	5.86	6.07	6.14	6.13	6.25	6.14	6.24	6.17	
3	20206	5.9	5.82	5.76	5.83	5.64	5.58	5.53	5.49	5.48	5.53	5.48	5.43	5.42	5.63	5.51	5.51	5.36	5.45	5.21	5.19	5.03	
3	20350	6.69	6.63	6.58	6.58	6.53	6.48	6.42	6.38	6.34	6.31	6.28	6.25	6.21	6.3	6.37	6.4	6.41	6.44	6.42	6.43	6.43	
3	20900	5.69	5.51	5.35	5.53	5.34	5.16	5	4.91	4.86	4.83	4.74	4.62	4.53	4.82	5.01	5.1	5.1	5.36	5.22	5.35	5.3	
3	19274	7.41	7.4	7.39	7.4	7.38	7.36	7.34	7.33	7.32	7.33	7.32	7.32	7.32	7.44	7.46	7.44	7.43	7.43	7.38	7.37	7.36	
3	23229	4.43	4.34	4.23	4.37	4.26	4.12	3.98	3.9	3.86	3.86	3.81	3.71	3.63	3.67	3.68	3.71	3.83	4.03	4.09	4.11	4.09	
3	21914	4.08	3.97	3.98	4.33	4.24	4.13	4.04	4.06	4.05	4.05	4.01	3.93	3.89	3.99	4.01	4.23	4.21	4.5	4.38	4.41	4.28	
3	23881	4.04	3.98	3.97	4.26	4.17	4.05	3.98	3.98	3.97	3.97	3.94	3.88	3.83	3.91	3.92	4.08	4.07	4.29	4.18	4.17	4.08	
3	23894	3.63	3.59	3.58	3.92	3.83	3.7	3.6	3.62	3.6	3.59	3.55	3.47	3.45	3.53	3.54	3.79	3.8	4.03	3.94	3.87	3.79	
3	24628	0.84	0.82	0.83	1.14	1.19	1.27	1.22	1.24	1.25	1.29	1.27	1.18	1.15	1.27	1.22	1.69	1.85	1.95	1.87	1.89	1.94	
3	24900	1.4	1.44	1.44	1.56	1.51	1.5	1.46	1.47	1.48	1.54	1.53	1.46	1.45	1.62	1.57	1.99	1.99	2.05	1.93	2.02	2.07	
3	25681	2.83	2.77	2.69	2.89	2.79	2.65	2.56	2.54	2.52	2.52	2.5	2.43	2.42	2.59	2.55	2.7	2.75	2.91	2.88	2.76	2.8	
3	25694	2.11	2.07	2.01	2.2	2.1	1.96	1.85	1.83	1.81	1.83	1.82	1.74	1.72	1.94	1.89	2.17	2.23	2.36	2.3	2.16	2.24	
3	25868	2.34	2.3	2.23	2.41	2.31	2.17	2.07	2.05	2.03	2.04	2.02	1.95	1.94	2.16	2.1	2.31	2.35	2.5	2.45	2.32	2.42	
3	26704	1.26	1.24	1.23	1.23	1.21	1.2	1.18	1.17	1.17	1.2	1.22	1.18	1.16	1.21	1.22	1.46	1.47	1.44	1.39	1.39	1.48	
3	26616	1.26	1.26	1.25	1.26	1.23	1.22	1.2	1.2	1.19	1.25	1.24	1.2	1.18	1.24	1.24	1.59	1.53	1.49	1.43	1.5	1.6	
3	25660	2.83	2.79	2.7	2.86	2.75	2.59	2.46	2.38	2.31	2.32	2.27	2.17	2.12	2.32	2.27	2.28	2.35	2.46	2.51	2.48	2.56	
3	26763	1.5	1.53	1.49	1.54	1.49	1.42	1.36	1.31	1.28	1.33	1.32	1.26	1.28	1.66	1.52	1.62	1.54	1.7	1.62	1.56	1.83	
3	23403	4.52	4.45																				

Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45
5.36	5.33	5.23	5.19	5.97	6.67	6.62	6.66	6.74	6.87	6.89	7.07	7.24	7.22	7.27	7.22	7.23	7.17	7.09	7.14	7.13	7.06	6.97	6.92
4.79	4.72	4.66	4.61	5.44	6.68	6.18	6.25	6.34	6.55	6.34	6.85	6.78	6.67	6.74	6.53	6.69	6.45	6.33	6.61	6.48	6.29	6.15	6.1
4.55	4.5	4.48	4.4	5.21	6.27	5.75	5.86	5.91	6.09	5.86	6.35	6.25	6.08	6.16	5.87	6.11	5.8	5.7	6.07	5.88	5.66	5.56	5.54
5.06	5	4.9	4.86	5.71	6.69	6.58	6.57	6.67	6.84	6.81	7.01	7.17	7.15	7.19	7.14	7.14	7.08	6.99	7.04	7.04	6.96	6.86	6.8
5.34	5.39	5.29	5.26	5.85	6.47	6.58	6.68	6.77	6.95	7	7.19	7.34	7.35	7.38	7.35	7.36	7.33	7.26	7.3	7.29	7.24	7.18	7.15
4.44	4.38	4.33	4.31	5	6.42	6.11	6.19	6.22	6.43	6.21	6.71	6.63	6.4	6.39	6.13	6.32	6.04	5.98	6.28	6.13	5.97	5.93	5.91
4.5	4.47	4.38	4.39	5.05	6.55	6.59	6.68	6.77	6.93	6.8	7.03	7.09	7.07	7.06	6.96	6.97	6.9	6.78	6.87	6.86	6.77	6.67	6.63
4.66	4.61	4.51	4.5	5.22	6.65	6.59	6.66	6.75	6.91	6.84	7	7.13	7.11	7.13	7.04	7.05	6.99	6.88	6.95	6.95	6.86	6.77	6.73
4.35	4.32	4.26	4.27	4.87	6.48	6.52	6.63	6.7	6.88	6.74	7.02	7.07	6.97	6.94	6.78	6.83	6.7	6.57	6.76	6.67	6.54	6.48	6.44
4.36	4.4	4.31	4.36	4.93	6.23	6.45	6.64	6.75	6.89	6.84	6.92	7.01	7.02	7.03	6.96	6.98	6.96	6.86	6.89	6.89	6.83	6.75	6.72
4.23	4.25	4.18	4.23	4.79	6.2	6.4	6.59	6.67	6.84	6.73	6.85	6.93	6.92	6.91	6.81	6.82	6.78	6.66	6.7	6.71	6.63	6.53	6.49
4	4.03	3.98	4.08	4.56	5.91	6.1	6.38	6.39	6.55	6.44	6.63	6.68	6.65	6.63	6.47	6.52	6.44	6.27	6.38	6.34	6.19	6.08	6.04
4.02	4.04	4.01	4.06	4.55	6.16	6.14	6.32	6.31	6.47	6.35	6.63	6.66	6.55	6.5	6.26	6.4	6.19	6.04	6.25	6.17	6.02	5.98	5.96
4.39	4.47	4.41	4.25	5.24	6.02	5.6	5.76	5.85	5.88	5.83	6.28	6.23	6.11	6.17	5.94	6.1	5.89	5.81	6.21	5.96	5.86	5.82	5.83
4.32	4.37	4.33	4.19	5.1	5.85	5.42	5.56	5.61	5.67	5.56	5.98	5.89	5.75	5.8	5.54	5.76	5.49	5.43	5.83	5.58	5.44	5.41	5.41
4.11	4.18	4.13	4	4.7	5.18	4.91	5.01	4.99	5.06	4.94	5.17	5.11	5.03	5.01	4.79	4.98	4.77	4.7	5	4.83	4.69	4.67	4.65
4.15	4.19	4.16	4.04	4.75	5.28	4.99	5.1	5.08	5.16	5.03	5.28	5.21	5.13	5.11	4.88	5.09	4.85	4.77	5.08	4.91	4.77	4.73	4.71
4.39	4.35	4.34	4.25	5.03	5.87	5.46	5.59	5.59	5.72	5.54	5.9	5.81	5.7	5.74	5.44	5.7	5.39	5.3	5.65	5.47	5.27	5.19	5.18
4.3	4.28	4.27	4.18	4.92	5.63	5.31	5.44	5.43	5.53	5.38	5.65	5.6	5.51	5.53	5.25	5.5	5.2	5.11	5.43	5.28	5.1	5.04	5.02
4.67	4.58	4.54	4.49	5.3	6.56	6.09	6.17	6.23	6.45	6.22	6.73	6.63	6.48	6.53	6.27	6.47	6.18	6.08	6.39	6.25	6.04	5.94	5.91
4.91	4.87	4.81	4.74	5.59	6.65	6.2	6.28	6.4	6.57	6.42	6.85	6.93	6.84	6.92	6.76	6.85	6.68	6.53	6.76	6.66	6.49	6.35	6.29
4.69	4.6	4.54	4.51	5.3	6.64	6.26	6.33	6.39	6.61	6.41	6.87	6.82	6.68	6.72	6.49	6.65	6.4	6.3	6.57	6.44	6.26	6.16	6.12
4.01	4.2	4.07	3.9	4.95	5.51	5.29	5.41	5.53	5.46	5.49	5.9	5.88	5.71	5.74	5.49	5.62	5.44	5.37	5.83	5.56	5.48	5.46	5.49
3.45	3.6	3.6	3.41	4.28	5.06	4.78	4.93	5.05	5.04	4.93	5.64	5.76	5.31	5.36	4.91	5.16	4.87	4.64	5.34	5.03	4.65	4.48	4.45
3.99	4.12	4.05	3.87	4.86	5.58	5.27	5.42	5.52	5.5	5.46	5.94	5.97	5.76	5.79	5.48	5.65	5.42	5.31	5.83	5.55	5.39	5.33	5.34
3.42	3.52	3.52	3.36	4.21	5.15	4.82	4.96	5.05	5.08	4.9	5.6	5.73	5.3	5.33	4.85	5.13	4.81	4.57	5.23	4.96	4.58	4.38	4.33
4.08	4.29	4.12	3.97	5.09	5.59	5.36	5.43	5.54	5.46	5.52	5.81	5.77	5.68	5.7	5.49	5.6	5.45	5.45	5.77	5.56	5.59	5.6	5.63
3.6	3.64	3.6	3.58	4.39	5.51	4.87	4.85	4.95	5.03	4.81	5.44	5.54	5.25	5.18	4.76	5.01	4.54	4.18	4.84	4.68	4.46	4.39	4.24
4.02	4.04	4.02	3.91	4.66	5.36	4.95	5.05	4.98	5.08	4.91	5.23	5.19	5.02	4.98	4.69	4.96	4.68	4.58	4.93	4.74	4.56	4.49	4.45
3.77	3.75	3.75	3.71	4.55	5.8	5.16	5.17	5.09	5.25	4.95	5.49	5.54	5.22	5.15	4.68	5.06	4.64	4.39	4.86	4.73	4.41	4.25	4.17
4.57	4.5	4.42	4.41	5.13	6.66	6.44	6.51	6.58	6.79	6.6	7.03	7.02	6.85	6.85	6.64	6.77	6.55	6.46	6.71	6.59	6.43	6.37	6.33
4.44	4.47	4.38	4.41	5.01	6.33	6.5	6.66	6.75	6.91	6.86	6.94	7.05	7.06	7.07	7.01	7.02	7	6.91	6.94	6.94	6.89	6.81	6.78
5.57	5.63	5.53	5.51	5.99	6.53	6.63	6.72	6.81	6.98	7.03	7.22	7.37	7.38	7.42	7.38	7.39	7.36	7.3	7.34	7.33	7.27	7.21	7.19
6.73	6.74	6.73	6.73	6.91	7.19	7.2	7.22	7.3	7.4	7.4	7.54	7.68	7.66	7.7	7.65	7.65	7.62	7.57	7.62	7.6	7.53	7.48	7.46
5.05	5.03	4.95	4.88	5.72	6.62	6.31	6.39	6.51	6.65	6.59	6.86	7.04	6.98	7.04	6.95	6.98	6.89	6.78	6.9	6.88	6.75	6.62	6.54
2.85	2.86	2.84	3.19	3.63	4.58	4.77	5.39	5.56	5.67	5.59	5.77	5.87	5.9	5.85	5.69	5.83	5.78	5.58	5.64	5.59	5.34	5.05	4.98
3.39	3.42	3.39	3.55	4.06	5.08	4.97	5.32	5.28	5.33	5.41	5.61	5.62	5.62	5.56	5.47	5.64	5.5	5.4	5.5	5.43	5.31	5.23	5.24
7.43	7.33	7.39	7.42	7.65	7.87	7.81	7.84	7.91	7.9	7.87	7.93	7.97	7.94	7.98	7.94	7.96	7.98	8	8.02	8	7.94	7.91	7.88
6.95	6.9	6.92	6.9	7.08	7.21	7.18	7.23	7.28	7.29	7.28	7.41	7.44	7.36	7.37	7.29	7.31	7.27	7.22	7.36	7.3	7.23	7.2	7.2
6.05	6.05	5.97	5.93	6.3	6.69	6.75	6.82	6.91	7.03	7.06	7.24	7.41	7.4	7.45	7.41	7.41	7.37	7.3	7.34	7.33	7.26	7.19	7.16
4.71	4.75	4.7	4.54	5.47	6.22	5.87	6.04	6.14	6.23	6.21	6.56	6.69	6.64	6.69	6.54	6.59	6.47	6.34	6.54	6.5	6.36	6.23	6.2
6.39	6.4	6.38	6.37	6.55	6.87	6.9	6.95	7.04	7.17	7.19	7.37	7.53	7.52	7.57	7.54	7.53	7.51	7.45	7.49	7.47	7.42	7.36	7.34
5.01	4.95	4.84	4.82	5.64	6.66	6.59	6.6	6.68	6.85	6.85	7.05	7.2	7.19	7.23	7.18	7.18	7.13	7.04	7.08	7.08	7.01	6.92	6.87
7.33	7.3	7.3	7.31	7.5	7.64	7.58	7.6	7.66	7.68	7.65	7.77	7.83	7.76	7.79	7.72	7.73	7.71	7.67	7.75	7.71	7.65	7.62	7.62
3.95	4.02	3.96	4.11	4.6	5.68	6.02	6.38	6.45	6.63	6.54	6.68	6.69	6.7	6.68	6.58	6.63	6.62	6.5	6.54	6.52	6.44	6.34	6.23
4.05	4.02	4	3.98	4.55	5.59	5.32	5.36	5.35	5.5	5.35	5.77	5.81	5.52	5.43	5.06	5.29	4.94	4.8	5.09	5	4.81	4.7	4.69
3.92	3.94	3.92	3.92	4.37	5.15	4.97	5.06	5.03	5.13	5.02	5.31	5.34	5.17	5.09	4.82	5	4.73	4.61	4.85	4.81	4.66	4.62	4.62
3.61	3.65	3.64	3.61	4.09	5.01	4.79	4.81	4.79	4.97	4.86	5.2	5.31	5.02	4.94	4.57	4.79	4.45	4.31	4.54	4.47	4.27	4.17	4.22
1.74	1.75	1.75	1.62	2.25	2.91	2.73	2.64	2.6	3.11	2.83	2.98	3.08	2.76	2.79	2.64	2.72	2.41	2.25	2.52	2.39	2.14	1.94	1.95
1.95	1.96	1.91	1.83	2.29	2.4	2.18	2.21	2.19	2.46	2.26	2.32	2.33	2.21	2.22	2.22	2.24	2.13	2.09	2.25	1.99	1.81	1.75	1.75
2.76	2.78	2.76	2.82	3.26	4.06	3.85	4.05	3.93	3.91	3.89	4.11	4.21	4.1	4.07	3.89	4.09	3.88	3.77	3.89	3.83	3.72	3.69	3.7
2.26	2.27	2.23	2.22	2.69	3.6	3.35	3.47	3.33	3.46	3.32	3.65	3.84	3.58	3.59	3.21	3.5	3.13	2.92	3.12	3.02	2.82	2.73	2.82
2.44	2.42	2.38	2.4	2.84	3.67	3.37	3.6	3.42	3.46	3.38	3.68	3.8	3.64	3.61	3.31	3.6	3.27	3.12	3.28	3.2	3.05	2.98	3.03
1.48	1.43	1.41	1.39	1.55	1.62	1.56	1.57	1.57	1.6	1.6	1.68	1.72	1.7	1.71	1.69	1.73	1.64	1.57	1.68	1.58	1.44	1.35	1.32
1.53	1.5	1.47	1.47	1.66	1.71	1.62	1.61	1.6	1.64	1.64	1.73	1.76	1.71	1.71	1.71	1.75	1.65	1.59	1.73	1.62	1.46	1.36	1.34
2.48	2.49	2.47	2.73	3.19	4.22	4.12	4.59	4.51	4.														

Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
6.85	6.77	6.84	6.81	6.76	6.72	6.69	5.00	6.25	6.45	7.27	0.758	2.27
5.99	5.89	6.37	6.13	6.02	6	5.97	4.60	5.67	5.67	6.85	0.745	2.25
5.46	5.4	5.96	5.68	5.57	5.56	5.54	4.40	5.33	5.31	6.35	0.575	1.95
6.71	6.61	6.77	6.71	6.63	6.58	6.54	4.64	6.02	6.15	7.19	0.884	2.55
7.08	7.01	7.07	7.02	6.97	6.93	6.9	4.79	6.30	6.43	7.38	0.863	2.59
5.85	5.83	6.29	6.04	5.97	5.97	5.94	4.20	5.34	5.42	6.71	0.859	2.51
6.51	6.42	6.82	6.63	6.54	6.5	6.44	4.11	5.64	5.74	7.09	1.154	2.98
6.61	6.5	6.82	6.68	6.59	6.55	6.5	4.22	5.75	5.86	7.13	1.101	2.91
6.35	6.28	6.75	6.52	6.42	6.39	6.33	4.04	5.51	5.58	7.07	1.163	3.03
6.64	6.52	6.77	6.71	6.64	6.56	6.46	3.96	5.57	5.58	7.03	1.228	3.07
6.37	6.22	6.67	6.54	6.41	6.33	6.23	3.91	5.44	5.50	6.93	1.206	3.02
5.92	5.79	6.37	6.17	5.99	5.91	5.82	3.77	5.17	5.18	6.68	1.139	2.91
5.93	5.89	6.33	6.11	6	5.96	5.92	3.86	5.16	5.22	6.66	1.081	2.80
5.83	5.77	6.14	5.83	5.81	5.85	5.86	4.25	5.55	5.63	6.28	0.496	2.03
5.4	5.36	5.81	5.49	5.46	5.48	5.49	4.19	5.25	5.32	5.98	0.426	1.79
4.67	4.66	5.04	4.85	4.81	4.82	4.81	4.00	4.69	4.66	5.18	0.263	1.18
4.72	4.71	5.13	4.92	4.87	4.88	4.87	4.04	4.73	4.71	5.28	0.297	1.24
5.13	5.1	5.65	5.37	5.28	5.28	5.26	4.25	5.07	5.07	5.90	0.469	1.65
5	4.97	5.49	5.23	5.16	5.16	5.14	4.18	4.94	4.95	5.65	0.417	1.47
5.81	5.75	6.27	6.01	5.9	5.88	5.85	4.44	5.50	5.53	6.73	0.747	2.29
6.19	6.08	6.47	6.27	6.17	6.14	6.11	4.74	5.85	5.88	6.93	0.700	2.19
6.02	5.95	6.45	6.19	6.09	6.07	6.03	4.37	5.58	5.63	6.87	0.848	2.50
5.53	5.47	5.79	5.46	5.49	5.54	5.57	3.90	5.22	5.32	5.90	0.477	2.00
4.55	4.38	5.06	4.74	4.54	4.51	4.55	3.41	4.45	4.36	5.76	0.557	2.35
5.38	5.3	5.74	5.42	5.37	5.4	5.44	3.87	5.15	5.24	5.97	0.489	2.10
4.39	4.24	4.97	4.69	4.48	4.43	4.48	3.36	4.40	4.25	5.73	0.570	2.37
5.65	5.64	5.83	5.52	5.63	5.7	5.72	3.97	5.33	5.49	5.83	0.468	1.86
4.16	4.2	5.02	4.73	4.44	4.57	4.75	3.58	4.45	4.39	5.54	0.485	1.96
4.44	4.43	4.96	4.75	4.68	4.66	4.67	3.91	4.61	4.54	5.36	0.311	1.45
4.05	4.03	4.91	4.71	4.51	4.45	4.52	3.71	4.49	4.34	5.80	0.490	2.09
6.23	6.18	6.66	6.39	6.31	6.29	6.25	4.22	5.59	5.66	7.03	1.009	2.81
6.71	6.62	6.8	6.77	6.71	6.65	6.57	4.01	5.63	5.67	7.07	1.217	3.06
7.11	7.04	7.1	7.04	6.99	6.96	6.92	5.02	6.43	6.49	7.42	0.766	2.40
7.41	7.34	7.34	7.3	7.26	7.24	7.22	6.60	7.11	7.05	7.70	0.369	1.10
6.44	6.31	6.59	6.46	6.38	6.34	6.31	4.88	6.02	6.12	7.04	0.698	2.16
4.79	4.57	5.1	4.91	4.7	4.64	4.49	2.61	4.15	4.06	5.90	1.221	3.29
5.04	4.73	5.03	4.84	4.58	4.53	4.41	3.31	4.34	4.24	5.64	0.925	2.33
7.81	7.72	7.71	7.67	7.65	7.65	7.63	7.33	7.66	7.64	8.02	0.228	0.69
7.23	7.2	7.31	7.25	7.22	7.21	7.22	6.90	7.17	7.17	7.44	0.126	0.54
7.09	7.02	7.05	7.01	6.97	6.94	6.91	5.54	6.63	6.66	7.45	0.568	1.91
6.17	6.1	6.39	6.21	6.15	6.15	6.15	4.54	5.85	5.89	6.69	0.560	2.15
7.27	7.2	7.2	7.16	7.11	7.09	7.06	6.21	6.85	6.78	7.57	0.467	1.36
6.79	6.69	6.82	6.78	6.71	6.66	6.62	4.53	6.00	6.14	7.23	0.948	2.70
7.61	7.57	7.62	7.59	7.57	7.56	7.56	7.30	7.52	7.53	7.83	0.161	0.53
6.05	5.82	6.42	6.28	6.09	5.96	5.8	3.63	5.19	5.14	6.70	1.215	3.07
4.63	4.6	5.19	5.02	4.93	4.93	4.89	3.89	4.63	4.58	5.81	0.578	1.92
4.62	4.58	5.03	4.9	4.81	4.81	4.75	3.83	4.47	4.48	5.34	0.477	1.51
4.14	4.04	4.56	4.51	4.41	4.41	4.34	3.45	4.15	4.07	5.31	0.535	1.86
1.75	1.53	2.07	2.16	2.03	2.02	1.93	0.82	1.93	1.94	3.11	0.641	2.29
1.66	1.6	1.89	1.81	1.75	1.75	1.7	1.40	1.88	1.90	2.46	0.312	1.06
3.68	3.48	3.62	3.62	3.5	3.48	3.38	2.42	3.27	3.32	4.21	0.598	1.79
2.78	2.61	2.76	2.8	2.69	2.69	2.6	1.72	2.60	2.61	3.84	0.616	2.12
3	2.84	2.97	3	2.9	2.89	2.81	1.94	2.77	2.83	3.80	0.565	1.86
1.34	1.3	1.32	1.31	1.29	1.29	1.28	1.16	1.41	1.39	1.73	0.181	0.57
1.38	1.32	1.37	1.35	1.32	1.32	1.31	1.18	1.45	1.47	1.76	0.189	0.58
3.86	3.66	3.75	3.73	3.6	3.6	3.49	2.12	3.37	3.34	4.86	0.942	2.74
1.94	1.88	1.98	1.99	1.89	1.86	1.82	1.26	1.87	1.87	2.51	0.397	1.25
5.53	5.44	5.6	5.58	5.52	5.45	5.38	3.35	4.71	4.74	5.94	0.986	2.59

D13Rbc_Plan8A_95_95ops_weekly

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21
D13Rbc_Plan8A_95_95ops																						
3	20457	7.99	8.02	8.03	7.98	7.94	7.92	7.86	7.82	7.78	7.74	7.72	7.65	7.57	7.51	7.45	7.33	7.28	7.41	7.36	7.26	7.76
3	20737	7.55	7.55	7.54	7.47	7.42	7.37	7.3	7.25	7.19	7.14	7.14	7.05	6.96	6.92	6.85	6.72	6.8	7	6.84	6.73	7.37
3	20743	7.34	7.35	7.33	7.25	7.18	7.13	7.03	6.97	6.88	6.85	6.86	6.76	6.65	6.63	6.55	6.4	6.61	6.9	6.64	6.48	7.33
3	20726	7.82	7.83	7.83	7.77	7.73	7.71	7.65	7.61	7.57	7.53	7.51	7.44	7.37	7.32	7.26	7.16	7.12	7.27	7.22	7.12	7.62
3	20980	7.95	8	8.02	7.98	7.96	7.95	7.9	7.86	7.83	7.8	7.78	7.71	7.63	7.57	7.51	7.4	7.34	7.44	7.38	7.3	7.81
3	21277	7.51	7.51	7.49	7.38	7.3	7.22	7.11	7.06	6.97	7.02	7.01	6.9	6.73	6.68	6.61	6.3	6.43	7.09	6.92	6.58	7.54
3	21529	7.57	7.55	7.52	7.45	7.4	7.35	7.28	7.24	7.19	7.17	7.18	7.11	7.03	6.98	6.93	6.8	6.77	7.04	7.03	6.88	7.4
3	21259	7.71	7.7	7.69	7.62	7.57	7.53	7.47	7.43	7.38	7.36	7.36	7.3	7.21	7.16	7.11	6.98	6.92	7.14	7.17	7.05	7.55
3	21891	7.4	7.37	7.33	7.25	7.19	7.14	7.06	7.01	6.96	6.94	6.97	6.9	6.8	6.74	6.69	6.48	6.59	6.97	6.82	6.61	7.26
3	21971	7.41	7.4	7.37	7.3	7.26	7.22	7.15	7.11	7.06	7.04	7.04	6.97	6.9	6.84	6.78	6.66	6.59	6.83	6.76	6.61	7.19
3	22335	7.28	7.24	7.2	7.11	7.06	7	6.93	6.88	6.83	6.8	6.82	6.75	6.66	6.58	6.51	6.26	6.31	6.69	6.54	6.32	7.03
3	23325	6.94	6.87	6.81	6.71	6.64	6.58	6.5	6.43	6.35	6.36	6.33	6.17	5.99	5.89	5.82	5.6	5.69	6.17	6.03	5.78	6.73
3	23331	6.93	6.79	6.74	6.63	6.56	6.49	6.4	6.35	6.26	6.31	6.3	6.15	6.02	5.97	5.94	5.83	5.95	6.33	6.19	5.96	6.85
3	20297	7.72	7.75	7.74	7.67	7.6	7.53	7.45	7.4	7.36	7.32	7.36	7.29	7.16	7.06	6.99	6.81	6.71	7	7.03	6.85	7.39
3	20477	7.52	7.54	7.53	7.45	7.37	7.31	7.22	7.18	7.12	7.1	7.18	7.08	6.89	6.81	6.73	6.53	6.61	7.01	6.87	6.61	7.4
3	20838	7.13	7.17	7.14	7.03	6.95	6.87	6.78	6.77	6.69	6.73	6.85	6.65	6.48	6.43	6.4	6.19	6.28	6.8	6.65	6.3	7.49
3	21017	6.9	6.94	6.92	6.79	6.72	6.63	6.54	6.54	6.46	6.5	6.61	6.43	6.28	6.25	6.21	6.02	6.16	6.64	6.46	6.15	7.4
3	20925	6.89	6.91	6.89	6.74	6.68	6.59	6.49	6.48	6.38	6.42	6.46	6.32	6.23	6.24	6.18	6.06	6.29	6.63	6.34	6.17	7.22
3	21105	6.34	6.37	6.35	6.19	6.14	6.06	5.97	5.96	5.88	5.94	5.98	5.86	5.79	5.8	5.79	5.69	5.89	6.18	5.97	5.83	6.96
3	21007	6.05	6.04	6.01	5.93	5.89	5.83	5.75	5.72	5.64	5.63	5.64	5.61	5.75	5.74	5.87	6.06	6.07	5.66	5.76	5.89	6.39
3	20469	7.83	7.85	7.84	7.79	7.74	7.7	7.64	7.6	7.55	7.51	7.49	7.43	7.35	7.28	7.21	7.09	7.03	7.24	7.19	7.06	7.57
3	21094	6.65	6.61	6.59	6.52	6.46	6.41	6.32	6.26	6.16	6.16	6.15	6.14	6.24	6.18	6.3	6.38	6.25	6.07	6.23	6.26	6.79
3	19761	7.38	7.4	7.36	7.26	7.16	7.08	6.99	6.94	6.9	6.87	6.98	6.86	6.69	6.56	6.52	6.33	6.2	6.65	6.72	6.43	7.01
3	19766	6.83	6.82	6.75	6.62	6.49	6.35	6.19	6.08	6.02	5.93	5.99	5.89	5.64	5.44	5.33	5.1	5.03	5.59	5.61	5.36	6.4
3	20031	7.33	7.36	7.33	7.23	7.14	7.05	6.96	6.91	6.86	6.82	6.91	6.83	6.66	6.51	6.44	6.2	6.07	6.53	6.66	6.39	7
3	20036	6.66	6.67	6.6	6.4	6.22	6.02	5.84	5.81	5.73	5.68	5.76	5.61	5.37	5.22	5.16	4.91	4.88	5.6	5.59	5.28	6.67
3	20390	7.36	7.4	7.37	7.26	7.17	7.08	6.99	6.96	6.89	6.93	7.06	6.85	6.68	6.59	6.57	6.35	6.37	6.86	6.82	6.43	7.26
3	20396	5.56	5.65	5.67	5.41	5.54	5.29	5.49	5.44	5.15	5.28	5.25	5.07	4.95	5.05	4.95	4.7	4.91	5.68	5.53	5.12	6.39
3	20931	6.78	6.85	6.84	6.67	6.6	6.51	6.42	6.45	6.35	6.4	6.53	6.33	6.13	6.1	6.09	5.85	5.97	6.67	6.49	6.08	7.62
3	20936	5.92	6.04	6.06	5.79	5.74	5.64	5.59	5.69	5.49	5.56	5.67	5.47	5.26	5.29	5.31	5.03	5.2	6.24	5.96	5.5	7.43
3	21271	7.81	7.8	7.78	7.7	7.64	7.58	7.51	7.48	7.43	7.43	7.43	7.36	7.24	7.18	7.12	6.82	6.79	7.43	7.35	7.06	7.75
3	21791	7.48	7.47	7.45	7.38	7.34	7.3	7.24	7.2	7.15	7.13	7.13	7.06	6.99	6.94	6.88	6.77	6.71	6.92	6.91	6.77	7.29
3	20890	8.01	8.07	8.09	8.06	8.03	8.03	7.97	7.94	7.9	7.87	7.86	7.77	7.7	7.63	7.57	7.46	7.4	7.5	7.44	7.35	7.85
3	19990	8.65	8.76	8.79	8.75	8.72	8.7	8.63	8.58	8.54	8.48	8.45	8.35	8.25	8.16	8.09	7.97	7.87	7.91	7.83	7.74	8.24
3	20378	7.92	7.94	7.93	7.88	7.84	7.8	7.74	7.69	7.65	7.61	7.59	7.53	7.44	7.37	7.31	7.19	7.12	7.28	7.25	7.14	7.64
3	24577	6.08	6.02	5.98	5.9	5.83	5.74	5.71	5.66	5.43	5.41	5.38	5.1	4.8	4.63	4.6	4.26	4.1	4.47	4.73	4.59	5.78
3	24587	5.5	5.4	5.32	5.13	5.06	4.91	4.9	4.79	4.62	4.74	4.81	4.59	4.36	4.29	4.32	4.11	4.03	4.52	4.76	4.53	5.68
3	19177	9.92	9.96	9.93	9.83	9.75	9.66	9.51	9.41	9.35	9.27	9.21	9.07	8.96	8.88	8.78	8.6	8.45	8.4	8.34	8.25	8.71
3	19213	8.73	8.79	8.76	8.69	8.63	8.56	8.47	8.4	8.36	8.29	8.28	8.19	8.07	7.96	7.89	7.76	7.64	7.67	7.68	7.6	8.08
3	20357	8.17	8.23	8.25	8.21	8.18	8.16	8.11	8.07	8.03	7.99	7.97	7.88	7.8	7.73	7.67	7.55	7.48	7.58	7.53	7.43	7.93
3	20206	7.86	7.89	7.88	7.82	7.76	7.7	7.63	7.58	7.54	7.5	7.51	7.45	7.34	7.24	7.17	7.04	6.96	7.11	7.13	7.02	7.51
3	20350	8.32	8.4	8.44	8.41	8.39	8.38	8.32	8.28	8.24	8.2	8.17	8.08	8	7.92	7.86	7.74	7.66	7.73	7.66	7.57	8.07
3	20900	7.83	7.84	7.84	7.78	7.75	7.72	7.66	7.62	7.58	7.55	7.54	7.46	7.39	7.34	7.28	7.18	7.13	7.28	7.24	7.15	7.65
3	19274	9.08	9.16	9.16	9.09	9.04	8.99	8.9	8.83	8.79	8.71	8.67	8.57	8.46	8.36	8.29	8.16	8.03	8.03	7.98	7.89	8.4
3	23229	6.94	6.9	6.87	6.79	6.74	6.69	6.63	6.58	6.52	6.49	6.49	6.39	6.19	6.03	5.91	5.62	5.54	6	5.94	5.72	6.7
3	21914	5.58	5.63	5.62	5.42	5.39	5.3	5.21	5.22	5.15	5.25	5.32	5.19	5.06	5.09	5.1	4.89	5.1	5.8	5.6	5.28	7.03
3	23881	5.35	5.34	5.33	5.18	5.16	5.08	5.02	5	4.95	5.05	5.06	4.94	4.83	4.82	4.84	4.66	4.75	5.2	5.16	4.95	6.2
3	23894	4.84	4.88	4.89	4.71	4.74	4.64	4.57	4.57	4.49	4.62	4.69	4.56	4.4	4.39	4.43	4.22	4.31	4.95	5.01	4.66	6.66
3	24628	2.4	2.4	2.44	2.26	2.38	2.33	2.22	2.2	2.12	2.24	2.3	2.21	2.08	2.06	2.1	1.97	2.05	2.65	2.92	2.48	4.43
3	24900	1.85	1.86	1.89	1.8	1.89	1.81	1.8	2	2.01	2.12	2.11	2.06	2.02	2.07	2.05	2.01	2.11	2.35	2.29	2.14	3.44
3	25681	3.83	3.78	3.77	3.66	3.67	3.6	3.64	3.6	3.48	3.58	3.7	3.57	3.37	3.29	3.34	3.12	3.09	3.56	3.9	3.68	4.96
3	25694	3.06	3	3.01	2.84	2.91	2.8	2.78	2.75	2.64	2.76	2.95	2.82	2.61	2.51	2.56	2.36	2.34	2.89	3.45	3.05	4.99
3	25868	3.25	3.2	3.21	3.06	3.11	3.02	3.04	2.99	2.88	2.99	3.13	3.02	2.81	2.73	2.77	2.57	2.56	3.06	3.5	3.17	4.69
3	26704	1.53	1.45	1.44	1.37	1.35	1.31	1.29	1.34	1.37	1.42	1.5	1.46	1.41	1.41	1.42	1.36	1.37	1.48	1.5	1.45	1.98
3	26616	1.51	1.44	1.44	1.37	1.36	1.32	1.32	1.39	1.42	1.52	1.58	1.51	1.46	1.48	1.46	1.4	1.48	1.58	1.56	1.51	2.05
3	25660	4.76	4.59	4.48	4.25	4.21	4.05	4.21	4.11	3.87	3.98	4.09	3.84	3.58	3.47	3.48	3.21	3.14	3.52	3.97	3.79	4.93
3	26763	2.38	2.32	2.3	2.24	2.21	2.17	2.13	2.11	2.08	2.13	2.14	2	1.87	1.84	1.8	1.66	1.69	2.08	2.28	2.12	2.69
3	23403	6.4	6.41	6.41	6.36	6.33	6.31	6.29														

D13Rbc_Plan8A_95_95ops_weekly

Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45	Week 46
8.2	8.3	8.26	8.59	8.93	8.79	8.65	8.58	8.49	8.58	8.56	8.43	8.42	8.48	8.44	8.46	8.39	8.33	8.36	8.39	8.65	8.78	8.71	8.66	8.54
7.89	7.98	7.91	8.21	8.58	8.43	8.27	8.16	8.07	8.15	8.16	8.02	8.02	8.09	8.03	8.05	7.97	7.9	7.93	7.93	8.21	8.37	8.28	8.2	8.07
7.81	7.81	7.69	7.97	8.33	8.15	7.97	7.85	7.77	7.86	7.88	7.74	7.75	7.84	7.77	7.79	7.7	7.64	7.68	7.67	7.94	8.11	7.99	7.89	7.76
8.09	8.19	8.15	8.46	8.81	8.67	8.53	8.45	8.36	8.45	8.44	8.3	8.28	8.34	8.29	8.3	8.23	8.18	8.2	8.22	8.48	8.62	8.54	8.48	8.36
8.23	8.32	8.28	8.58	8.91	8.76	8.64	8.59	8.52	8.65	8.6	8.47	8.41	8.46	8.43	8.45	8.37	8.33	8.36	8.41	8.68	8.77	8.69	8.66	8.54
7.93	7.89	7.77	8.07	8.29	8.06	7.91	7.84	7.8	7.89	7.87	7.75	7.8	7.84	7.77	7.8	7.73	7.71	7.73	7.72	8.02	8.04	7.87	7.8	7.72
7.83	7.9	7.87	8.17	8.43	8.24	8.09	8.02	7.98	8.08	8.05	7.94	7.93	7.98	7.93	7.95	7.88	7.85	7.86	7.86	8.12	8.19	8.06	7.99	7.9
8	8.08	8.03	8.34	8.63	8.45	8.31	8.24	8.18	8.28	8.26	8.13	8.12	8.17	8.11	8.13	8.06	8.02	8.04	8.04	8.31	8.39	8.28	8.21	8.11
7.64	7.69	7.66	7.94	8.18	7.95	7.81	7.75	7.73	7.81	7.79	7.69	7.7	7.74	7.71	7.73	7.67	7.64	7.65	7.65	7.89	7.92	7.78	7.73	7.65
7.63	7.75	7.76	8.06	8.36	8.17	8.04	7.97	7.92	8.04	8.02	7.88	7.85	7.91	7.87	7.91	7.81	7.77	7.78	7.78	8.05	8.15	8.03	7.95	7.84
7.47	7.58	7.58	7.88	8.12	7.91	7.79	7.72	7.67	7.8	7.78	7.64	7.63	7.69	7.66	7.7	7.6	7.57	7.57	7.57	7.83	7.9	7.77	7.69	7.58
7.15	7.24	7.25	7.51	7.71	7.49	7.4	7.33	7.27	7.41	7.4	7.26	7.23	7.32	7.3	7.35	7.25	7.21	7.22	7.21	7.46	7.53	7.41	7.32	7.19
7.21	7.21	7.16	7.31	7.37	7.22	7.2	7.13	7.07	7.21	7.18	7.06	7.06	7.18	7.14	7.19	7.07	7.04	7.08	7.05	7.23	7.24	7.18	7.11	6.97
7.83	7.88	7.81	8.16	8.51	8.25	8.05	7.96	7.9	7.99	7.99	7.88	7.95	8.07	8.02	8.03	7.94	7.89	7.93	7.95	8.21	8.35	8.21	8.11	8
7.79	7.75	7.63	7.96	8.32	8.02	7.81	7.73	7.68	7.77	7.79	7.67	7.74	7.86	7.79	7.79	7.7	7.67	7.71	7.72	7.99	8.12	7.95	7.83	7.73
7.61	7.41	7.21	7.74	8.05	7.49	7.29	7.26	7.27	7.38	7.31	7.23	7.42	7.46	7.36	7.35	7.26	7.29	7.3	7.33	7.77	7.68	7.42	7.31	7.23
7.52	7.31	7.06	7.63	7.93	7.38	7.17	7.11	7.12	7.24	7.15	7.05	7.27	7.28	7.18	7.18	7.07	7.12	7.1	7.14	7.64	7.54	7.26	7.13	7.03
7.67	7.57	7.38	7.68	8.09	7.85	7.63	7.49	7.41	7.53	7.54	7.36	7.41	7.54	7.44	7.46	7.33	7.28	7.32	7.31	7.68	7.82	7.64	7.52	7.36
7.29	7.05	6.72	7.27	7.71	7.29	6.96	6.8	6.75	6.9	6.82	6.64	6.84	6.86	6.75	6.78	6.63	6.66	6.64	6.67	7.24	7.2	6.92	6.76	6.58
6.9	6.92	6.69	7.15	7.78	7.56	7.31	7.1	6.88	6.96	6.92	6.73	6.78	6.86	6.76	6.78	6.65	6.57	6.54	6.55	7.07	7.22	7.05	6.92	6.72
8.05	8.14	8.09	8.41	8.76	8.61	8.45	8.35	8.26	8.34	8.34	8.21	8.22	8.3	8.25	8.28	8.2	8.14	8.16	8.18	8.43	8.59	8.51	8.44	8.31
7.51	7.56	7.42	7.83	8.3	8.08	7.85	7.68	7.58	7.7	7.68	7.5	7.51	7.59	7.49	7.52	7.41	7.36	7.38	7.37	7.78	7.9	7.74	7.64	7.48
7.37	7.42	7.37	7.7	7.96	7.63	7.45	7.39	7.37	7.42	7.4	7.35	7.47	7.62	7.54	7.53	7.46	7.43	7.46	7.49	7.76	7.77	7.6	7.5	7.42
7.15	7.28	7.2	7.52	7.87	7.61	7.31	7.12	6.98	7.02	7.04	6.94	7.05	7.27	7.25	7.25	7.13	7.01	7.07	7.1	7.34	7.49	7.34	7.15	6.96
7.46	7.48	7.4	7.73	8.02	7.71	7.49	7.41	7.37	7.44	7.44	7.36	7.47	7.63	7.55	7.54	7.46	7.41	7.46	7.49	7.74	7.82	7.64	7.52	7.41
7.38	7.36	7.19	7.56	7.95	7.62	7.26	7.06	6.92	7.01	7.06	6.89	7.08	7.3	7.22	7.24	7.06	6.97	7.04	7.08	7.38	7.56	7.34	7.09	6.81
7.4	7.36	7.27	7.63	7.88	7.44	7.32	7.32	7.34	7.39	7.37	7.33	7.47	7.57	7.44	7.43	7.38	7.39	7.42	7.44	7.75	7.7	7.49	7.41	7.36
6.29	6.15	5.92	6.57	6.41	5.98	5.89	5.87	5.82	6	5.94	5.86	6.06	5.99	5.95	5.94	5.84	5.89	5.92	5.93	6.28	6.2	5.93	5.81	5.6
7.91	7.49	7.02	7.83	8.2	7.24	6.95	6.92	6.92	7.15	7.12	6.92	7.22	7.26	7.08	7.1	6.91	6.98	7.07	7.08	7.77	7.65	7.11	6.92	6.79
8.2	7.43	6.58	7.63	8.34	6.82	6.34	6.26	6.2	6.61	6.7	6.27	6.65	6.74	6.44	6.52	6.17	6.26	6.5	6.47	7.4	7.4	6.53	6.18	5.9
8.12	8.14	8.07	8.35	8.58	8.39	8.26	8.18	8.14	8.22	8.2	8.1	8.11	8.16	8.1	8.12	8.05	8.03	8.05	8.04	8.3	8.35	8.22	8.15	8.07
7.71	7.82	7.83	8.13	8.43	8.25	8.12	8.05	7.99	8.12	8.1	7.95	7.92	7.98	7.94	7.97	7.88	7.84	7.85	7.85	8.12	8.22	8.11	8.03	7.92
8.28	8.37	8.33	8.63	8.96	8.81	8.69	8.65	8.58	8.7	8.65	8.52	8.46	8.51	8.48	8.5	8.43	8.39	8.42	8.47	8.75	8.83	8.76	8.73	8.61
8.67	8.74	8.69	8.98	9.3	9.14	9.01	8.98	8.91	9.04	8.98	8.86	8.83	8.93	8.96	8.98	8.91	8.88	8.96	9.07	9.34	9.38	9.31	9.29	9.18
8.1	8.19	8.15	8.47	8.82	8.66	8.51	8.41	8.33	8.4	8.4	8.28	8.29	8.37	8.33	8.35	8.27	8.21	8.24	8.26	8.51	8.66	8.58	8.52	8.39
6.35	6.4	6.46	6.74	7.02	6.83	6.72	6.62	6.55	6.66	6.66	6.54	6.49	6.59	6.61	6.63	6.56	6.62	6.67	6.63	6.83	6.96	6.83	6.72	6.56
6.15	6.11	6.09	6.3	6.56	6.31	6.19	6.14	6.14	6.31	6.34	6.23	6.17	6.29	6.29	6.33	6.24	6.26	6.28	6.25	6.48	6.62	6.46	6.33	6.16
8.96	8.93	8.85	9.11	9.41	9.26	9.18	9.17	9.15	9.26	9.27	9.22	9.29	9.64	9.77	9.77	9.72	9.66	9.72	9.84	10.12	10.19	10.15	10.1	9.93
8.46	8.46	8.39	8.71	8.98	8.78	8.6	8.54	8.51	8.6	8.59	8.51	8.6	8.8	8.82	8.86	8.79	8.74	8.8	8.88	9.15	9.19	9.09	9.03	8.92
8.36	8.45	8.42	8.74	9.08	8.94	8.81	8.76	8.68	8.78	8.74	8.61	8.58	8.65	8.62	8.64	8.56	8.52	8.56	8.61	8.87	8.97	8.9	8.87	8.76
7.96	8.02	7.97	8.31	8.65	8.44	8.24	8.15	8.08	8.16	8.16	8.05	8.11	8.22	8.18	8.2	8.11	8.05	8.09	8.12	8.37	8.51	8.4	8.31	8.2
8.5	8.57	8.53	8.83	9.16	9.01	8.89	8.86	8.78	8.91	8.85	8.72	8.67	8.74	8.73	8.75	8.68	8.64	8.7	8.78	9.05	9.12	9.05	9.03	8.92
8.11	8.21	8.17	8.48	8.82	8.68	8.54	8.46	8.39	8.48	8.46	8.33	8.3	8.35	8.3	8.31	8.24	8.19	8.22	8.23	8.5	8.62	8.54	8.48	8.36
8.79	8.8	8.73	9.02	9.32	9.14	9	8.95	8.9	9.01	8.99	8.89	8.92	9.11	9.18	9.21	9.15	9.11	9.2	9.31	9.57	9.59	9.52	9.49	9.38
7.12	7.23	7.3	7.6	7.91	7.72	7.6	7.53	7.47	7.61	7.6	7.45	7.4	7.47	7.46	7.51	7.41	7.38	7.39	7.39	7.62	7.76	7.64	7.55	7.41
7.42	6.95	6.33	7.22	7.46	6.43	6.15	5.97	5.94	6.26	6.16	5.83	6.11	6.18	6	6.17	5.91	5.93	5.98	5.98	6.86	6.67	6.05	5.79	5.57
6.05	5.88	5.66	6.28	6.14	5.66	5.65	5.52	5.55	5.74	5.61	5.43	5.59	5.63	5.57	5.67	5.48	5.52	5.5	5.54	5.98	5.86	5.54	5.44	5.32
6.73	6.2	5.69	6.62	6.62	5.59	5.53	5.34	5.28	5.68	5.52	5.13	5.39	5.54	5.35	5.64	5.25	5.27	5.34	5.34	6.13	6.05	5.31	5.04	4.81
4.32	3.73	3.18	4.08	3.93	3.07	3.29	3.06	2.88	3.2	3.25	2.98	3.25	3.13	2.95	3.45	3.04	3.04	3.19	3.13	3.48	3.55	2.81	2.49	2.3
2.77	2.61	2.27	3.12	2.58	2.26	2.55	2.27	2.28	2.44	2.41	2.27	2.52	2.26	2.31	2.56	2.27	2.35	2.39	2.36	2.53	2.4	1.98	1.87	1.85
5.04	4.75	4.47	5	4.91	4.44	4.36	4.22	4.2	4.46	4.39	4.27	4.37	4.44	4.33	4.42	4.27	4.38	4.36	4.33	4.84	4.82	4.35	4.15	3.96
5.19	4.81	4.35	5.02	4.9	4.17	4.02	3.78	3.63	4.1	4.06	3.78	3.92	4.07	3.83	4.09	3.75	3.91	3.96	3.91	4.65	4.77	3.88	3.41	3.07
4.76	4.54	4.18	4.7	4.57	4.07	3.93	3.72	3.66	4.02	3.95	3.77	3.91	3.99	3.81	3.97	3.73	3.89	3.89	3.85	4.5	4.5	3.84	3.51	3.26
2.34																								

D13Rbc_Plan8A_95_95ops_weekly

Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
8.42	8.32	8.23	8.14	8.06	7.98	7.26	8.14	8.25	8.93	0.447	1.67
7.94	7.83	7.74	7.65	7.57	7.48	6.72	7.68	7.86	8.58	0.506	1.86
7.64	7.53	7.46	7.38	7.28	7.2	6.40	7.42	7.59	8.33	0.502	1.93
8.24	8.14	8.05	7.97	7.89	7.81	7.12	7.98	8.12	8.81	0.462	1.69
8.43	8.33	8.24	8.16	8.08	8.01	7.30	8.16	8.26	8.91	0.429	1.61
7.63	7.57	7.52	7.48	7.45	7.38	6.30	7.48	7.60	8.29	0.473	1.99
7.8	7.72	7.66	7.6	7.54	7.49	6.77	7.63	7.76	8.43	0.430	1.66
8.01	7.92	7.85	7.79	7.73	7.67	6.92	7.81	7.96	8.63	0.442	1.71
7.56	7.48	7.42	7.37	7.32	7.27	6.48	7.40	7.52	8.18	0.420	1.70
7.72	7.63	7.56	7.49	7.42	7.36	6.59	7.52	7.63	8.36	0.474	1.77
7.48	7.39	7.33	7.26	7.2	7.14	6.26	7.29	7.43	8.12	0.482	1.86
7.06	6.97	6.91	6.85	6.78	6.72	5.60	6.87	7.02	7.71	0.560	2.11
6.87	6.81	6.77	6.73	6.68	6.62	5.83	6.78	6.90	7.37	0.446	1.54
7.9	7.81	7.74	7.65	7.55	7.47	6.71	7.70	7.81	8.51	0.422	1.80
7.64	7.57	7.51	7.42	7.33	7.25	6.53	7.49	7.60	8.32	0.414	1.79
7.15	7.12	7.04	6.93	6.85	6.76	6.19	7.10	7.19	8.05	0.409	1.86
6.94	6.9	6.83	6.73	6.66	6.56	6.02	6.92	6.99	7.93	0.430	1.91
7.18	7.05	6.96	6.84	6.73	6.63	6.06	7.04	7.20	8.09	0.544	2.03
6.45	6.39	6.33	6.25	6.18	6.09	5.69	6.49	6.52	7.71	0.494	2.02
6.53	6.36	6.25	6.15	6.01	5.95	5.61	6.41	6.46	7.78	0.575	2.17
8.19	8.09	8	7.92	7.84	7.76	7.03	7.94	8.07	8.76	0.453	1.73
7.33	7.19	7.06	6.91	6.83	6.56	6.07	7.03	7.26	8.30	0.652	2.23
7.34	7.28	7.21	7.1	7	6.92	6.20	7.21	7.37	7.96	0.392	1.76
6.78	6.61	6.48	6.35	6.19	6.03	5.03	6.62	6.83	7.87	0.711	2.84
7.32	7.25	7.19	7.09	6.98	6.89	6.07	7.20	7.35	8.02	0.430	1.95
6.55	6.34	6.16	6.01	5.82	5.67	4.88	6.51	6.67	7.95	0.804	3.07
7.31	7.28	7.22	7.1	7	6.91	6.35	7.20	7.32	7.88	0.346	1.53
5.38	5.25	5.16	5.07	4.99	4.92	4.70	5.63	5.68	6.57	0.458	1.87
6.68	6.64	6.59	6.49	6.42	6.34	5.85	6.84	6.85	8.20	0.518	2.35
5.69	5.59	5.54	5.47	5.4	5.34	5.03	6.18	6.12	8.34	0.768	3.31
7.99	7.91	7.86	7.82	7.78	7.72	6.79	7.83	7.95	8.58	0.419	1.79
7.81	7.71	7.64	7.57	7.51	7.44	6.71	7.60	7.71	8.43	0.461	1.72
8.5	8.4	8.31	8.22	8.15	8.08	7.35	8.22	8.32	8.96	0.427	1.61
9.07	8.95	8.84	8.75	8.66	8.58	7.74	8.72	8.78	9.38	0.408	1.64
8.27	8.17	8.08	8	7.92	7.84	7.12	8.02	8.13	8.82	0.445	1.70
6.42	6.3	6.21	6.12	6.04	5.97	4.10	6.03	6.33	7.02	0.786	2.92
5.99	5.82	5.66	5.48	5.31	5.37	4.03	5.60	5.91	6.62	0.775	2.59
9.75	9.59	9.48	9.38	9.28	9.19	8.25	9.36	9.32	10.19	0.489	1.94
8.8	8.68	8.59	8.5	8.41	8.32	7.60	8.51	8.59	9.19	0.395	1.59
8.64	8.54	8.44	8.35	8.27	8.19	7.43	8.34	8.43	9.08	0.436	1.65
8.08	7.99	7.92	7.83	7.74	7.66	6.96	7.86	7.97	8.65	0.420	1.69
8.81	8.7	8.6	8.51	8.43	8.35	7.57	8.49	8.55	9.16	0.414	1.59
8.25	8.15	8.06	7.98	7.91	7.83	7.13	8.00	8.13	8.82	0.460	1.69
9.25	9.12	9.01	8.91	8.82	8.73	7.89	8.90	8.99	9.59	0.408	1.70
7.28	7.17	7.09	7.02	6.94	6.86	5.54	6.99	7.15	7.91	0.618	2.37
5.43	5.41	5.41	5.39	5.39	5.33	4.89	5.83	5.71	7.46	0.638	2.57
5.25	5.26	5.27	5.25	5.23	5.16	4.66	5.39	5.35	6.28	0.381	1.62
4.68	4.69	4.72	4.7	4.69	4.65	4.22	5.15	4.98	6.73	0.648	2.51
2.12	2.12	2.09	2.09	2.11	2.1	1.97	2.76	2.57	4.43	0.644	2.46
1.79	1.83	1.8	1.81	1.82	1.83	1.79	2.19	2.13	3.44	0.346	1.65
3.87	3.82	3.78	3.7	3.67	3.65	3.09	4.04	3.93	5.04	0.508	1.95
2.89	2.86	2.85	2.8	2.76	2.74	2.34	3.48	3.24	5.19	0.792	2.85
3.14	3.12	3.11	3.05	3.02	2.99	2.56	3.53	3.38	4.76	0.605	2.20
1.49	1.41	1.36	1.33	1.31	1.3	1.29	1.69	1.57	2.36	0.329	1.07
1.47	1.39	1.35	1.32	1.31	1.31	1.31	1.73	1.59	2.41	0.336	1.10
5.18	5.05	4.89	4.67	4.48	4.3	3.14	4.77	5.12	5.75	0.770	2.61
2.38	2.33	2.29	2.24	2.2	2.16	1.66	2.42	2.43	3.12	0.358	1.46
6.68	6.59	6.52	6.46	6.4	6.34	5.63	6.50	6.57	7.16	0.405	1.53

Model Layer	Cell	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21
D13Rbc_Plan8A_89_95ops																						
3	20457	6.27	6.06	5.89	5.97	5.79	5.62	5.45	5.34	5.27	5.24	5.15	5.03	4.95	5.33	5.48	5.56	5.54	5.73	5.54	5.65	5.58
3	20737	5.34	5.21	5.12	5.36	5.16	4.99	4.87	4.82	4.8	4.79	4.72	4.62	4.56	4.83	4.94	5.05	5	5.26	5.08	5.19	5.09
3	20743	5.08	4.99	4.93	5.18	4.97	4.84	4.75	4.74	4.73	4.73	4.67	4.59	4.56	4.79	4.82	4.94	4.86	5.09	4.9	4.99	4.86
3	20726	5.76	5.58	5.43	5.6	5.41	5.23	5.06	4.97	4.92	4.89	4.8	4.68	4.6	4.92	5.09	5.18	5.17	5.41	5.25	5.37	5.32
3	20980	6.38	6.32	6.22	6.2	6.02	5.75	5.53	5.38	5.26	5.18	5.05	4.89	4.75	5.04	5.27	5.31	5.32	5.52	5.39	5.51	5.49
3	21277	4.65	4.51	4.46	4.76	4.61	4.47	4.36	4.34	4.34	4.33	4.28	4.19	4.13	4.28	4.35	4.52	4.51	4.83	4.69	4.81	4.69
3	21529	4.83	4.67	4.56	4.81	4.67	4.51	4.37	4.32	4.3	4.28	4.22	4.12	4.06	4.21	4.3	4.43	4.48	4.77	4.69	4.8	4.74
3	21259	5.06	4.9	4.78	5.01	4.86	4.69	4.54	4.47	4.44	4.42	4.35	4.25	4.17	4.36	4.49	4.61	4.64	4.94	4.84	4.97	4.92
3	21891	4.61	4.47	4.37	4.63	4.5	4.36	4.23	4.19	4.18	4.17	4.12	4.03	3.98	4.08	4.15	4.29	4.34	4.62	4.54	4.63	4.56
3	21971	4.73	4.61	4.49	4.67	4.55	4.4	4.25	4.18	4.15	4.14	4.08	3.98	3.93	4.03	4.1	4.18	4.27	4.52	4.5	4.56	4.53
3	22335	4.54	4.41	4.3	4.52	4.41	4.26	4.13	4.08	4.07	4.06	4.01	3.92	3.87	3.95	4	4.11	4.19	4.44	4.4	4.46	4.4
3	23325	4.32	4.2	4.1	4.32	4.21	4.07	3.94	3.91	3.89	3.89	3.85	3.76	3.73	3.77	3.8	3.91	3.98	4.21	4.18	4.2	4.14
3	23331	4.26	4.13	4.07	4.33	4.22	4.08	3.98	3.96	3.95	3.96	3.92	3.84	3.81	3.86	3.89	4.04	4.07	4.3	4.22	4.25	4.17
3	20297	5.62	5.58	5.55	5.6	5.39	5.38	5.37	5.38	5.39	5.4	5.37	5.32	5.3	5.46	5.27	5.26	5	5.13	4.9	4.82	4.67
3	20477	5.24	5.2	5.18	5.28	5.09	5.06	5.05	5.05	5.06	5.06	5.04	4.98	4.97	5.11	4.99	5.02	4.81	4.97	4.77	4.74	4.6
3	20838	4.56	4.55	4.55	4.62	4.54	4.52	4.51	4.51	4.51	4.51	4.5	4.47	4.48	4.55	4.5	4.57	4.48	4.62	4.51	4.5	4.39
3	21017	4.53	4.5	4.5	4.62	4.52	4.48	4.45	4.46	4.45	4.46	4.43	4.4	4.4	4.48	4.45	4.55	4.46	4.65	4.52	4.54	4.41
3	20925	4.79	4.71	4.69	4.92	4.74	4.64	4.57	4.57	4.56	4.56	4.51	4.45	4.42	4.59	4.6	4.74	4.65	4.91	4.73	4.82	4.67
3	21105	4.57	4.49	4.48	4.72	4.57	4.47	4.4	4.4	4.4	4.39	4.35	4.29	4.26	4.4	4.41	4.56	4.49	4.75	4.6	4.69	4.55
3	21007	5.04	4.9	4.83	5.11	4.92	4.76	4.64	4.61	4.6	4.58	4.52	4.43	4.37	4.58	4.68	4.82	4.79	5.1	4.94	5.08	4.96
3	20469	5.68	5.56	5.46	5.65	5.43	5.27	5.16	5.11	5.08	5.07	5	4.9	4.85	5.17	5.25	5.32	5.26	5.45	5.23	5.3	5.19
3	21094	5.04	4.89	4.8	5.08	4.9	4.74	4.61	4.57	4.56	4.54	4.48	4.37	4.31	4.52	4.63	4.77	4.76	5.08	4.93	5.07	4.97
3	19761	5.3	5.28	5.26	5.25	5.1	5.14	5.16	5.18	5.2	5.22	5.22	5.18	5.16	5.24	4.98	4.96	4.61	4.78	4.56	4.42	4.28
3	19766	4.08	4.07	4.08	4.25	4.09	4.01	3.98	4	4.03	4.09	4.08	4.02	4.05	4.33	4.19	4.14	4.08	4.12	3.92	3.86	3.7
3	20031	5.13	5.11	5.12	5.18	4.98	4.98	4.99	5	5.03	5.06	5.05	5	5	5.13	4.91	4.87	4.62	4.72	4.51	4.4	4.26
3	20036	3.98	4	4.03	4.25	4.05	3.95	3.91	3.93	3.96	4.03	4.03	3.97	3.97	4.21	4.1	4.08	3.99	4.07	3.87	3.83	3.68
3	20390	5.57	5.56	5.53	5.45	5.32	5.41	5.44	5.45	5.47	5.48	5.48	5.43	5.37	5.38	5.1	5.1	4.63	4.89	4.65	4.5	4.37
3	20396	4.28	4.39	4.45	4.6	4.26	4.21	4.2	4.16	4.31	4.33	4.4	4.28	4.1	4.16	4.01	4	3.85	4.05	3.87	3.91	3.82
3	20931	4.34	4.37	4.41	4.58	4.45	4.4	4.37	4.39	4.39	4.41	4.4	4.36	4.36	4.43	4.38	4.49	4.36	4.56	4.42	4.42	4.29
3	20936	3.99	4.11	4.21	4.57	4.31	4.16	4.11	4.12	4.17	4.22	4.22	4.14	4.07	4.16	4.1	4.25	4.07	4.35	4.15	4.18	4.06
3	21271	4.86	4.7	4.61	4.9	4.74	4.59	4.45	4.42	4.41	4.39	4.33	4.23	4.17	4.34	4.44	4.59	4.6	4.92	4.8	4.93	4.84
3	21791	4.83	4.7	4.58	4.75	4.62	4.47	4.32	4.25	4.21	4.2	4.14	4.04	3.97	4.11	4.18	4.26	4.34	4.59	4.57	4.65	4.62
3	20890	6.45	6.39	6.32	6.31	6.24	6.12	5.83	5.68	5.52	5.43	5.29	5.12	4.98	5.28	5.51	5.55	5.55	5.73	5.59	5.71	5.67
3	19990	6.9	6.86	6.82	6.82	6.78	6.74	6.7	6.66	6.63	6.62	6.6	6.58	6.56	6.69	6.78	6.8	6.8	6.8	6.76	6.75	6.74
3	20378	5.93	5.79	5.67	5.82	5.62	5.46	5.33	5.27	5.23	5.22	5.15	5.05	5	5.35	5.42	5.48	5.42	5.58	5.36	5.42	5.32
3	24577	3.58	3.52	3.41	3.52	3.39	3.24	3.09	2.98	2.89	2.91	2.85	2.73	2.63	2.63	2.62	2.62	2.73	2.84	2.94	2.92	2.96
3	24587	3.78	3.64	3.47	3.66	3.51	3.37	3.38	3.35	3.36	3.41	3.36	3.36	3.35	3.33	3.34	3.34	3.32	3.48	3.46	3.39	3.37
3	19177	7.41	7.41	7.4	7.42	7.41	7.4	7.38	7.38	7.37	7.38	7.37	7.37	7.36	7.46	7.51	7.49	7.46	7.48	7.45	7.43	7.42
3	19213	7.08	7.07	7.06	7.08	7.05	7.03	7.02	7.02	7.02	7.03	7.03	7.03	7.03	7.12	7.13	7.08	7.06	7.03	6.99	6.99	6.96
3	20357	6.63	6.55	6.47	6.45	6.38	6.29	6.19	6.01	5.9	5.83	5.71	5.59	5.48	5.81	6.01	6.08	6.08	6.2	6.1	6.18	6.13
3	20206	5.89	5.81	5.75	5.83	5.61	5.55	5.51	5.49	5.49	5.5	5.47	5.4	5.39	5.62	5.5	5.49	5.33	5.41	5.18	5.13	4.97
3	20350	6.69	6.63	6.58	6.57	6.52	6.47	6.41	6.36	6.32	6.3	6.26	6.22	6.19	6.28	6.35	6.37	6.38	6.41	6.39	6.4	6.4
3	20900	5.68	5.5	5.34	5.52	5.33	5.14	4.97	4.88	4.82	4.79	4.7	4.58	4.48	4.78	4.96	5.05	5.06	5.32	5.18	5.31	5.27
3	19274	7.35	7.34	7.33	7.34	7.32	7.3	7.28	7.27	7.27	7.28	7.27	7.27	7.27	7.39	7.44	7.41	7.38	7.37	7.33	7.33	7.32
3	23229	4.43	4.34	4.23	4.36	4.25	4.11	3.97	3.89	3.84	3.84	3.79	3.69	3.61	3.65	3.67	3.69	3.81	4.01	4.07	4.09	4.07
3	21914	4.05	3.94	3.95	4.29	4.18	4.06	3.97	3.97	3.98	3.97	3.94	3.85	3.82	3.92	3.94	4.17	4.17	4.45	4.32	4.38	4.25
3	23881	4.06	3.99	3.97	4.26	4.13	4.01	3.94	3.94	3.93	3.95	3.91	3.84	3.8	3.88	3.9	4.07	4.07	4.26	4.16	4.17	4.09
3	23894	3.65	3.61	3.59	3.91	3.81	3.67	3.56	3.58	3.57	3.56	3.53	3.45	3.42	3.5	3.51	3.77	3.79	4.01	3.91	3.87	3.78
3	24628	0.86	0.84	0.84	1.14	1.19	1.26	1.21	1.22	1.22	1.26	1.24	1.15	1.12	1.24	1.2	1.66	1.83	1.93	1.85	1.87	1.93
3	24900	1.41	1.44	1.44	1.57	1.52	1.47	1.43	1.45	1.46	1.53	1.51	1.44	1.43	1.61	1.55	1.98	1.98	2.04	1.92	2.01	2.07
3	25681	2.84	2.78	2.69	2.89	2.78	2.63	2.54	2.53	2.5	2.53	2.51	2.45	2.45	2.62	2.57	2.72	2.75	2.89	2.86	2.75	2.78
3	25694	2.12	2.08	2.01	2.2	2.1	1.95	1.84	1.82	1.8	1.83	1.82	1.75	1.74	1.96	1.9	2.19	2.23	2.35	2.29	2.15	2.23
3	25868	2.34	2.3	2.23	2.41	2.31	2.17	2.06	2.04	2.01	2.04	2.03	1.96	1.96	2.18	2.11	2.32	2.36	2.49	2.44	2.31	2.4
3	26704	1.26	1.24	1.23	1.23	1.22	1.19	1.16	1.16	1.16	1.2	1.23	1.18	1.16	1.21	1.23	1.45	1.47	1.44	1.39	1.39	1.48
3	26616	1.27	1.26	1.25	1.26	1.24	1.21	1.18	1.18	1.18	1.25	1.24	1.19	1.18	1.24	1.24	1.58	1.53	1.49	1.43	1.5	1.6
3	25660	2.83	2.79	2.7	2.86	2.74	2.59	2.46	2.39	2.32	2.33	2.3	2.21	2.16	2.36	2.32	2.32	2.37	2.46	2.51	2.48	2.55
3	26763	1.5	1.53	1.49	1.54	1.49	1.42	1.36	1.31	1.28	1.33	1.31	1.26	1.28	1.67	1.52	1.62	1.54	1.7	1.62	1.56	1.84
3	23403	4.52	4.45	4.35	4.36	4.23	4.1															

Week 22	Week 23	Week 24	Week 25	Week 26	Week 27	Week 28	Week 29	Week 30	Week 31	Week 32	Week 33	Week 34	Week 35	Week 36	Week 37	Week 38	Week 39	Week 40	Week 41	Week 42	Week 43	Week 44	Week 45
5.32	5.29	5.18	5.14	5.94	6.67	6.58	6.63	6.73	6.87	6.87	7.05	7.21	7.2	7.25	7.21	7.22	7.16	7.09	7.14	7.13	7.06	6.97	6.92
4.77	4.7	4.63	4.58	5.41	6.61	6.16	6.26	6.35	6.49	6.33	6.74	6.67	6.6	6.63	6.48	6.62	6.43	6.32	6.58	6.47	6.28	6.16	6.13
4.54	4.49	4.47	4.39	5.22	6.34	5.78	5.91	5.96	6.12	5.9	6.38	6.29	6.08	6.12	5.9	6.12	5.84	5.76	6.13	5.94	5.72	5.61	5.61
5.02	4.96	4.86	4.82	5.67	6.69	6.53	6.56	6.67	6.82	6.79	6.97	7.12	7.13	7.17	7.12	7.14	7.07	6.98	7.04	7.04	6.96	6.85	6.8
5.28	5.33	5.22	5.18	5.81	6.45	6.56	6.66	6.75	6.93	6.98	7.18	7.33	7.33	7.37	7.34	7.35	7.33	7.26	7.3	7.29	7.24	7.18	7.15
4.42	4.35	4.31	4.28	4.97	6.56	6.18	6.23	6.24	6.53	6.27	6.82	6.85	6.56	6.55	6.2	6.44	6.07	5.99	6.35	6.18	5.98	5.93	5.92
4.48	4.45	4.36	4.37	5.04	6.54	6.63	6.71	6.8	6.94	6.82	7.03	7.1	7.09	7.1	6.99	7.01	6.94	6.82	6.9	6.89	6.8	6.71	6.68
4.64	4.59	4.49	4.48	5.2	6.64	6.67	6.69	6.76	6.95	6.87	7.02	7.16	7.15	7.17	7.09	7.09	7.03	6.91	6.97	6.98	6.89	6.78	6.74
4.32	4.31	4.24	4.26	4.87	6.44	6.55	6.66	6.73	6.88	6.76	7	7.04	6.97	6.96	6.8	6.87	6.74	6.63	6.77	6.71	6.61	6.55	6.51
4.34	4.37	4.29	4.33	4.91	6.22	6.45	6.65	6.74	6.87	6.84	6.93	7	7.02	7.03	6.97	6.98	6.96	6.87	6.9	6.9	6.84	6.77	6.73
4.2	4.22	4.15	4.21	4.77	6.18	6.41	6.61	6.66	6.83	6.72	6.86	6.92	6.92	6.92	6.82	6.83	6.79	6.68	6.72	6.72	6.64	6.55	6.52
3.97	4	3.96	4.05	4.54	5.9	6.09	6.36	6.39	6.55	6.44	6.64	6.68	6.65	6.64	6.48	6.53	6.46	6.29	6.39	6.35	6.21	6.09	6.05
3.99	4	3.98	4.03	4.54	6.15	6.13	6.32	6.32	6.47	6.36	6.62	6.65	6.55	6.51	6.28	6.41	6.22	6.05	6.26	6.18	6.03	5.98	5.97
4.33	4.41	4.35	4.19	5.2	6.02	5.6	5.76	5.84	5.89	5.83	6.29	6.24	6.08	6.16	5.93	6.12	5.9	5.82	6.23	5.97	5.87	5.83	5.84
4.26	4.33	4.29	4.14	5.08	5.9	5.43	5.57	5.61	5.7	5.56	6.03	5.96	5.73	5.8	5.55	5.78	5.51	5.45	5.88	5.6	5.47	5.42	5.44
4.05	4.15	4.07	3.95	4.69	5.24	4.91	5.01	4.99	5.07	4.93	5.22	5.16	5.01	4.99	4.81	4.97	4.76	4.71	5.03	4.84	4.7	4.67	4.67
4.09	4.15	4.1	3.99	4.72	5.34	4.99	5.1	5.08	5.16	5.02	5.31	5.24	5.1	5.06	4.88	5.05	4.82	4.77	5.08	4.91	4.76	4.72	4.71
4.36	4.32	4.32	4.23	5.02	5.94	5.49	5.63	5.62	5.73	5.56	5.92	5.82	5.67	5.65	5.46	5.67	5.4	5.33	5.67	5.5	5.3	5.22	5.22
4.26	4.23	4.21	4.14	4.87	5.65	5.36	5.46	5.46	5.52	5.39	5.65	5.59	5.49	5.43	5.26	5.41	5.19	5.11	5.38	5.29	5.11	5.03	5.03
4.65	4.56	4.5	4.46	5.27	5.92	6.11	6.12	6.21	6.1	6.12	5.93	6.08	6.19	6.15	6.24	6.12	6.17	6.08	6.09	6.2	6.04	5.94	5.93
4.87	4.83	4.77	4.7	5.55	6.66	6.2	6.29	6.41	6.57	6.42	6.84	6.91	6.81	6.88	6.73	6.84	6.68	6.55	6.78	6.68	6.51	6.38	6.32
4.66	4.57	4.51	4.48	5.27	6.22	6.33	6.3	6.38	6.41	6.35	6.27	6.51	6.52	6.52	6.51	6.45	6.4	6.29	6.38	6.43	6.26	6.16	6.13
3.94	4.14	4.01	3.84	4.92	5.49	5.29	5.41	5.52	5.46	5.49	5.9	5.87	5.68	5.75	5.5	5.66	5.46	5.38	5.83	5.54	5.48	5.45	5.49
3.41	3.55	3.56	3.37	4.24	5.04	4.76	4.93	5.05	5.04	4.94	5.65	5.76	5.3	5.36	4.91	5.17	4.89	4.65	5.36	5.03	4.65	4.47	4.44
3.92	4.06	3.99	3.82	4.82	5.57	5.26	5.43	5.51	5.5	5.45	5.94	5.96	5.73	5.79	5.49	5.67	5.44	5.32	5.84	5.54	5.38	5.32	5.33
3.38	3.48	3.48	3.32	4.18	5.13	4.8	4.96	5.05	5.09	4.91	5.61	5.74	5.29	5.32	4.86	5.14	4.84	4.59	5.25	4.96	4.57	4.37	4.31
4.01	4.23	4.06	3.92	5.07	5.57	5.37	5.44	5.53	5.47	5.52	5.81	5.75	5.64	5.71	5.5	5.65	5.46	5.45	5.77	5.53	5.58	5.58	5.62
3.58	3.63	3.59	3.57	4.37	5.49	4.84	4.87	4.99	5.06	4.88	5.45	5.53	5.22	5.18	4.77	5.06	4.62	4.26	4.87	4.67	4.44	4.25	4.16
3.95	4	3.97	3.86	4.63	5.36	4.95	5.04	4.98	5.09	4.9	5.25	5.21	5.01	4.96	4.7	4.95	4.67	4.59	4.94	4.75	4.56	4.47	4.44
3.73	3.72	3.72	3.68	4.52	5.78	5.14	5.16	5.1	5.27	4.97	5.51	5.55	5.21	5.13	4.67	5.08	4.67	4.44	4.89	4.74	4.4	4.2	4.09
4.55	4.48	4.4	4.39	5.11	6.86	6.55	6.56	6.61	6.95	6.68	7.18	7.28	7.04	7.08	6.76	6.93	6.6	6.48	6.82	6.66	6.45	6.38	6.35
4.41	4.45	4.36	4.38	4.99	6.31	6.51	6.68	6.75	6.84	6.87	6.96	7.05	7.06	7.08	7.02	7.03	7.01	6.92	6.95	6.95	6.9	6.82	6.79
5.48	5.54	5.43	5.4	5.94	6.5	6.6	6.69	6.79	6.96	7.01	7.2	7.36	7.36	7.4	7.38	7.38	7.36	7.3	7.33	7.33	7.27	7.21	7.18
6.69	6.7	6.7	6.69	6.88	7.16	7.17	7.19	7.28	7.37	7.37	7.52	7.66	7.64	7.69	7.64	7.64	7.61	7.57	7.61	7.59	7.53	7.47	7.46
5.01	4.98	4.91	4.83	5.68	6.62	6.31	6.38	6.51	6.65	6.58	6.85	7.03	6.97	7.03	6.94	6.98	6.89	6.78	6.91	6.88	6.76	6.63	6.56
2.84	2.85	2.83	3.18	3.61	4.57	4.76	5.4	5.55	5.67	5.57	5.76	5.86	5.89	5.84	5.69	5.83	5.78	5.59	5.66	5.55	5.32	5.04	4.98
3.31	3.41	3.34	3.49	4.04	5.04	4.97	5.31	5.28	5.33	5.42	5.61	5.61	5.61	5.56	5.47	5.65	5.5	5.39	5.5	5.43	5.31	5.24	5.25
7.4	7.3	7.36	7.39	7.61	7.84	7.79	7.83	7.9	7.89	7.86	7.93	7.97	7.94	7.98	7.94	7.96	7.98	7.99	8.02	8	7.94	7.91	7.88
6.92	6.88	6.89	6.85	7.03	7.18	7.17	7.22	7.27	7.28	7.27	7.41	7.45	7.36	7.38	7.29	7.32	7.27	7.22	7.36	7.3	7.23	7.2	7.2
6.01	5.99	5.91	5.85	6.29	6.65	6.72	6.78	6.88	7.01	7.04	7.22	7.38	7.38	7.43	7.4	7.4	7.36	7.29	7.34	7.32	7.26	7.19	7.15
4.64	4.68	4.64	4.48	5.43	6.21	5.86	6.02	6.13	6.21	6.19	6.55	6.69	6.62	6.68	6.53	6.59	6.48	6.35	6.55	6.51	6.37	6.23	6.2
6.36	6.37	6.35	6.34	6.52	6.84	6.87	6.92	7.01	7.14	7.17	7.35	7.51	7.5	7.55	7.52	7.52	7.5	7.44	7.48	7.47	7.41	7.35	7.33
4.98	4.91	4.8	4.77	5.6	6.69	6.58	6.62	6.7	6.82	6.83	7.01	7.17	7.18	7.22	7.18	7.18	7.13	7.04	7.08	7.09	7.02	6.92	6.87
7.3	7.28	7.27	7.28	7.45	7.6	7.55	7.58	7.65	7.67	7.65	7.76	7.83	7.76	7.79	7.72	7.73	7.71	7.67	7.75	7.71	7.65	7.62	7.62
3.93	4	3.94	4.09	4.58	5.66	6.01	6.37	6.44	6.62	6.52	6.66	6.71	6.71	6.68	6.58	6.63	6.62	6.5	6.54	6.53	6.44	6.33	6.24
4.02	3.98	3.97	3.94	4.51	5.56	5.3	5.35	5.34	5.49	5.35	5.76	5.79	5.52	5.44	5.07	5.29	4.95	4.8	5.09	5	4.81	4.7	4.7
3.91	3.92	3.92	3.9	4.35	5.14	4.95	5.04	5.02	5.12	5.03	5.3	5.34	5.17	5.09	4.84	5	4.74	4.61	4.85	4.81	4.66	4.61	4.64
3.6	3.63	3.63	3.59	4.07	5	4.77	4.8	4.78	4.97	4.87	5.2	5.31	5.02	4.94	4.58	4.79	4.45	4.3	4.53	4.46	4.26	4.17	4.23
1.73	1.74	1.74	1.61	2.24	2.91	2.72	2.63	2.59	3.1	2.82	2.98	3.08	2.78	2.81	2.64	2.72	2.38	2.23	2.5	2.36	2.13	1.93	1.95
1.94	1.95	1.91	1.82	2.29	2.39	2.18	2.21	2.19	2.46	2.25	2.32	2.32	2.21	2.22	2.22	2.23	2.1	2.07	2.25	1.98	1.81	1.76	1.74
2.74	2.77	2.75	2.81	3.24	4.04	3.84	4.04	3.92	3.91	3.9	4.12	4.22	4.1	4.08	3.91	4.11	3.88	3.78	3.9	3.83	3.73	3.7	3.71
2.25	2.25	2.22	2.21	2.68	3.58	3.34	3.47	3.33	3.45	3.32	3.65	3.85	3.59	3.6	3.22	3.51	3.14	2.93	3.13	3.03	2.83	2.74	2.83
2.42	2.41	2.38	2.39	2.83	3.65	3.36	3.59	3.42	3.45	3.39	3.68	3.81	3.65	3.62	3.32	3.61	3.27	3.13	3.29	3.2	3.06	2.99	3.05
1.48	1.43	1.41	1.39	1.55	1.62	1.56	1.57	1.57	1.6	1.6	1.68	1.72	1.7	1.71	1.69	1.73	1.64	1.57	1.67	1.58	1.45	1.36	1.32
1.53	1.5	1.47	1.47	1.66	1.71	1.62	1.61	1.6	1.64	1.64	1.73	1.75	1.7	1.71	1.7	1.75	1.65	1.58	1.72	1.62	1.46	1.37	1.34
2.47	2.48	2.47	2.73	3.19	4.21	4.11	4																

Week 46	Week 47	Week 48	Week 49	Week 50	Week 51	Week 52	Minimum	Mean	Median	Maximum	Stan Dev	Range
6.85	6.77	6.85	6.81	6.76	6.73	6.7	4.95	6.23	6.43	7.25	0.772	2.30
6.02	5.92	6.37	6.16	6.06	6.04	6.01	4.56	5.65	5.67	6.74	0.740	2.18
5.53	5.46	6	5.74	5.64	5.64	5.62	4.39	5.35	5.34	6.38	0.593	1.99
6.72	6.62	6.77	6.71	6.64	6.59	6.56	4.60	6.00	6.15	7.17	0.896	2.57
7.08	7.01	7.07	7.02	6.97	6.94	6.9	4.75	6.28	6.42	7.37	0.878	2.62
5.86	5.84	6.36	6.05	5.98	5.97	5.94	4.13	5.35	5.41	6.85	0.917	2.72
6.57	6.48	6.83	6.69	6.59	6.55	6.49	4.06	5.65	5.76	7.10	1.183	3.04
6.64	6.53	6.85	6.71	6.62	6.58	6.53	4.17	5.75	5.87	7.17	1.130	3.00
6.44	6.37	6.79	6.58	6.49	6.46	6.4	3.98	5.51	5.62	7.04	1.196	3.06
6.66	6.56	6.79	6.74	6.67	6.6	6.51	3.93	5.56	5.57	7.03	1.245	3.10
6.42	6.27	6.69	6.57	6.45	6.37	6.27	3.87	5.43	5.48	6.92	1.228	3.05
5.93	5.8	6.38	6.18	6.01	5.93	5.83	3.73	5.16	5.17	6.68	1.158	2.95
5.92	5.89	6.35	6.13	6.02	5.98	5.93	3.81	5.14	5.22	6.65	1.102	2.84
5.83	5.77	6.16	5.87	5.86	5.9	5.89	4.19	5.54	5.61	6.29	0.517	2.10
5.42	5.37	5.83	5.53	5.5	5.54	5.53	4.14	5.26	5.33	6.03	0.447	1.89
4.65	4.65	5.04	4.86	4.84	4.86	4.84	3.95	4.68	4.65	5.24	0.286	1.29
4.69	4.68	5.11	4.93	4.89	4.9	4.88	3.99	4.70	4.69	5.34	0.323	1.35
5.16	5.12	5.65	5.41	5.32	5.33	5.3	4.23	5.06	5.07	5.94	0.494	1.71
4.99	4.97	5.47	5.27	5.19	5.19	5.16	4.14	4.88	4.92	5.65	0.469	1.51
5.83	5.76	6.15	6.03	5.93	5.91	5.88	4.37	5.40	5.52	6.24	0.679	1.87
6.22	6.1	6.49	6.3	6.2	6.19	6.16	4.70	5.85	5.89	6.91	0.711	2.21
6.03	5.96	6.38	6.21	6.11	6.09	6.05	4.31	5.51	5.62	6.52	0.815	2.21
5.51	5.46	5.8	5.51	5.55	5.58	5.59	3.84	5.21	5.30	5.90	0.498	2.06
4.54	4.37	5.06	4.76	4.57	4.56	4.6	3.37	4.45	4.35	5.76	0.569	2.39
5.36	5.29	5.75	5.46	5.42	5.46	5.48	3.82	5.14	5.22	5.96	0.508	2.14
4.38	4.24	4.98	4.7	4.5	4.51	4.56	3.32	4.39	4.25	5.74	0.583	2.42
5.63	5.63	5.85	5.58	5.71	5.74	5.74	3.92	5.32	5.48	5.85	0.488	1.93
4.26	4.29	5.05	4.67	4.67	4.85	4.97	3.57	4.46	4.35	5.53	0.502	1.96
4.42	4.42	4.96	4.75	4.69	4.72	4.71	3.86	4.59	4.48	5.36	0.332	1.50
4.06	4.07	4.94	4.7	4.54	4.61	4.67	3.68	4.47	4.28	5.78	0.508	2.10
6.26	6.21	6.74	6.41	6.32	6.3	6.27	4.17	5.61	5.66	7.28	1.075	3.11
6.72	6.64	6.81	6.78	6.72	6.67	6.6	3.97	5.62	5.65	7.08	1.233	3.11
7.11	7.04	7.1	7.04	7	6.96	6.92	4.98	6.40	6.48	7.40	0.786	2.42
7.4	7.34	7.34	7.3	7.26	7.24	7.22	6.56	7.08	7.03	7.69	0.380	1.13
6.46	6.33	6.61	6.48	6.4	6.37	6.34	4.83	6.01	6.12	7.03	0.711	2.20
4.79	4.57	5.1	4.9	4.7	4.64	4.49	2.62	4.15	4.05	5.89	1.219	3.27
5.04	4.73	5.01	4.83	4.6	4.51	4.4	3.31	4.33	4.22	5.65	0.935	2.34
7.81	7.72	7.71	7.67	7.65	7.64	7.63	7.30	7.64	7.62	8.02	0.244	0.72
7.23	7.2	7.31	7.25	7.22	7.21	7.22	6.85	7.14	7.15	7.45	0.145	0.60
7.09	7.02	7.05	7.01	6.97	6.94	6.91	5.48	6.60	6.64	7.43	0.585	1.95
6.18	6.1	6.4	6.24	6.18	6.19	6.18	4.48	5.84	5.88	6.69	0.579	2.21
7.27	7.2	7.2	7.15	7.11	7.09	7.06	6.19	6.83	6.77	7.55	0.471	1.36
6.79	6.7	6.82	6.79	6.72	6.67	6.64	4.48	5.98	6.13	7.22	0.965	2.74
7.61	7.57	7.62	7.59	7.57	7.56	7.55	7.27	7.49	7.50	7.83	0.181	0.56
6.05	5.83	6.4	6.31	6.1	5.97	5.81	3.61	5.18	5.12	6.71	1.223	3.10
4.62	4.6	5.19	5.02	4.94	4.93	4.89	3.82	4.61	4.56	5.79	0.600	1.97
4.61	4.57	5.03	4.9	4.82	4.81	4.75	3.80	4.46	4.46	5.34	0.485	1.54
4.13	4.04	4.56	4.5	4.41	4.4	4.34	3.42	4.14	4.06	5.31	0.542	1.89
1.75	1.53	2.06	2.14	2.03	2.02	1.92	0.84	1.92	1.93	3.10	0.643	2.26
1.66	1.59	1.88	1.78	1.75	1.76	1.7	1.41	1.87	1.90	2.46	0.314	1.05
3.67	3.48	3.61	3.6	3.49	3.47	3.38	2.45	3.27	3.31	4.22	0.599	1.77
2.78	2.61	2.76	2.79	2.68	2.68	2.6	1.74	2.60	2.61	3.85	0.617	2.11
3	2.84	2.97	2.99	2.89	2.88	2.8	1.96	2.77	2.82	3.81	0.566	1.85
1.34	1.3	1.32	1.3	1.28	1.28	1.27	1.16	1.41	1.39	1.73	0.182	0.57
1.38	1.32	1.37	1.34	1.31	1.32	1.3	1.18	1.45	1.47	1.75	0.189	0.57
3.86	3.66	3.75	3.72	3.6	3.6	3.49	2.16	3.38	3.34	4.87	0.936	2.71
1.94	1.88	1.98	1.99	1.89	1.86	1.82	1.26	1.88	1.87	2.53	0.406	1.27
5.53	5.44	5.6	5.58	5.52	5.45	5.38	3.34	4.71	4.74	5.94	0.987	2.60

Plan 1				
Model Indicator Cell	Number of Days Plan 1 Stage > Base83 Stage Weeks 1-52	Number of Days Base83 Stage > Ground Elevation Weeks 1-52	Number of Days Plan 1 Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	38	221	174	-47
20469	28	239	207	-32
20477	151	192	178	-14
20737	65	221	146	-75
20743	123	220	153	-67
20838	359	8	23	15
20925	162	181	95	-86
21007	138	220	159	-61
21017	332	9	17	8
21094	136	221	182	-39
21105	156	71	43	-28

TABLE 45

Plan 2B				
Model Indicator Cell	Number of Days Plan 2B Stage > Base83 Stage Weeks 1-52	Number of Days Base83 Stage > Ground Elevation Weeks 1-52	Number of Days Plan 2B Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	41	221	89	-132
20469	18	239	86	-153
20477	83	192	80	-112
20737	32	221	9	-212
20743	79	220	68	-152
20838	296	8	17	9
20925	145	181	61	-120
21007	119	220	70	-150
21017	264	9	15	6
21094	86	221	31	-190
21105	155	71	42	-29

TABLE 46

Plan 3				
Model Indicator Cell	Number of Days Plan 3 Stage > Base83 Stage Weeks 1-52	Number of Days Base83 Stage > Ground Elevation Weeks 1-52	Number of Days Plan 3 Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	347	221	327	106
20469	190	239	306	67
20477	364	192	255	63
20737	196	221	288	67
20743	200	220	259	39
20838	359	8	24	16
20925	321	181	186	5
21007	201	220	260	40
21017	360	9	18	9
21094	267	221	274	53
21105	332	71	77	6

TABLE 47

Plan 4, Plan 5, Plan 7				
Model Indicator Cell	Number of Days Plan Stage > Base83 Stage Weeks 1-52	Number of Days Base83 Stage > Ground Elevation Weeks 1-52	Number of Days Plan Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	364	221	362	141
20469	364	239	364	125
20477	364	192	320	128
20737	364	221	362	141
20743	364	220	340	120
20838	363	8	33	25
20925	364	181	262	81
21007	364	220	331	111
21017	362	9	28	19
21094	364	221	345	124
21105	363	71	175	104

TABLE 48

Plan 6B				
Model Indicator Cell	Number of Days Plan 6B Stage > Base83 Stage Weeks 1-52	Number of Days Base83 Stage > Ground Elevation Weeks 1-52	Number of Days Plan 6B Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	364	221	343	122
20469	364	239	364	125
20477	311	192	223	31
20737	363	221	339	118
20743	145	220	205	-15
20838	128	8	5	-3
20925	112	181	4	-177
21007	364	220	295	75
21017	109	9	2	-7
21094	364	221	341	120
21105	100	71	0	-71

TABLE 49

Plan 8A				
Model Indicator Cell	Number of Days Plan 8A Stage > Base83 Stage Weeks 1-52	Number of Days Base83 Stage > Ground Elevation Weeks 1-52	Number of Days Plan 8A Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	364	221	359	138
20469	364	239	364	125
20477	364	192	311	119
20737	364	221	342	121
20743	364	220	288	68
20838	363	8	27	19
20925	352	181	186	5
21007	85	220	109	-111
21017	356	9	18	9
21094	237	221	208	-13
21105	150	71	45	-26

TABLE 50

Plan 9				
Model Indicator Cell	Number of Days Plan 9 Stage > Base83 Stage Weeks 1-52	Number of Days Base83 Stage > Ground Elevation Weeks 1-52	Number of Days Plan 9 Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	39.5	221	131.5	-89.5
20477	23	239	146.5	-92.5
20469	117	192	129	-63
20737	48.5	221	77.5	-143.5
20743	101	220	110.5	-109.5
20838	327.5	8	20	12
20925	153.5	181	78	-103
21007	128.5	220	114.5	-105.5
21017	298	9	16	7
21094	111	221	106.5	-114.5
21105	155.5	71	42.5	-28.5

NOTE: Plan 9 values calculated as the arithmetic average of Plan 1 & Plan 2B.

TABLE 51

Plan 1				
Model Indicator Cell	Number of Days Plan 1 Stage > Base83 Stage Weeks 21-37	Number of Days Base83 Stage > Ground Elevation Weeks 21-37	Number of Days Plan 1 Stage > Ground Elevation Weeks 21-37	Net Number of Days Above Ground Weeks 21-37
20297	1	115	115	0
20469	0	116	115	-1
20477	28	115	116	1
20737	0	115	110	-5
20743	11	115	113	-2
20838	116	8	18	10
20925	19	113	72	-41
21007	4	115	115	0
21017	102	9	16	7
21094	2	115	115	0
21105	14	48	34	-14

TABLE 52

Plan 2B				
Model Indicator Cell	Number of Days Plan 2B Stage > Base83 Stage Weeks 21-37	Number of Days Base83 Stage > Ground Elevation Weeks 21-37	Number of Days Plan 2B Stage > Ground Elevation Weeks 21-37	Net Number of Days Above Ground Weeks 21-37
20297	2	115	63	-52
20469	0	116	61	-55
20477	11	115	56	-59
20737	0	115	9	-106
20743	4	115	51	-64
20838	102	8	14	6
20925	13	113	45	-68
21007	3	115	52	-63
21017	83	9	13	4
21094	1	115	22	-93
21105	14	48	32	-16

TABLE 53

Plan 3				
Model Indicator Cell	Number of Days Plan 3 Stage > Base83 Stage Weeks 21-37	Number of Days Base83 Stage > Ground Elevation Weeks 21-37	Number of Days Plan 3 Stage > Ground Elevation Weeks 21-37	Net Number of Days Above Ground Weeks 21-37
20297	118	115	118	3
20469	49	116	118	2
20477	118	115	117	2
20737	55	115	117	2
20743	59	115	117	2
20838	117	8	18	10
20925	110	113	116	3
21007	60	115	117	2
21017	116	9	17	8
21094	81	115	117	2
21105	114	48	57	9

TABLE 54

Plan 4, Plan 5, Plan 7				
Model Indicator Cell	Number of Days Plan Stage > Base83 Stage Weeks 21-37	Number of Days Base83 Stage > Ground Elevation Weeks 21-37	Number of Days Plan Stage > Ground Elevation Weeks 21-37	Net Number of Days Above Ground Weeks 21-37
20297	118	115	118	3
20469	118	116	118	2
20477	118	115	117	2
20737	118	115	118	3
20743	118	115	118	3
20838	117	8	21	13
20925	118	113	117	4
21007	118	115	118	3
21017	116	9	19	10
21094	118	115	118	3
21105	117	48	116	68

TABLE 55

Plan 6B				
Model Indicator Cell	Number of Days Plan 6B Stage > Base83 Stage Weeks 21-37	Number of Days Base83 Stage > Ground Elevation Weeks 21-37	Number of Days Plan 6B Stage > Ground Elevation Weeks 21-37	Net Number of Days Above Ground Weeks 21-37
20297	118	115	118	3
20469	118	116	118	2
20477	89	115	116	1
20737	117	115	118	3
20743	4	115	116	1
20838	7	8	5	-3
20925	2	113	4	-109
21007	118	115	117	2
21017	4	9	2	-7
21094	118	115	118	3
21105	1	48	0	-48

TABLE 56

Plan 8A				
Model Indicator Cell	Number of Days Plan 8A Stage > Base83 Stage Weeks 21-37	Number of Days Base83 Stage > Ground Elevation Weeks 21-37	Number of Days Plan 8A Stage > Ground Elevation Weeks 21-37	Net Number of Days Above Ground Weeks 21-37
20297	118	115	118	3
20469	118	116	118	2
20477	118	115	117	2
20737	118	115	118	3
20743	118	115	117	2
20838	117	8	18	10
20925	118	113	116	3
21007	0	115	81	-34
21017	111	9	16	7
21094	83	115	115	0
21105	9	48	33	-15

TABLE 57

Plan 9				
Model Indicator Cell	Number of Days Plan 9 Stage > Base83 Stage Weeks 21-37	Number of Days Base83 Stage > Ground Elevation Weeks 21-37	Number of Days Plan 9 Stage > Ground Elevation Weeks 21-37	Net Number of Days Above Ground Weeks 21-37
20297	1.5	115	89	-26
20469	0	116	88	-28
20477	19.5	115	86	-29
20737	0	115	59.5	-55.5
20743	7.5	115	82	-33
20838	109	8	16	8
20925	16	113	58.5	-54.5
21007	3.5	115	83.5	-31.5
21017	92.5	9	14.5	5.5
21094	1.5	115	68.5	-46.5
21105	14	48	33	-15

TABLE 58

Plan 1				
Model Indicator Cell	Number of Days Plan 1 Stage > Base95 Stage Weeks 1-52	Number of Days Base95 Stage > Ground Elevation Weeks 1-52	Number of Days Plan 1 Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	0	234	174	-60
20469	21	248	207	-41
20477	146	217	178	-39
20737	41	221	146	-75
20743	132	221	153	-68
20838	212	29	23	-6
20925	148	197	95	-102
21007	140	221	159	-62
21017	207	22	17	-5
21094	140	221	182	-39
21105	160	74	43	-31

TABLE 59

Plan 2B				
Model Indicator Cell	Number of Days Plan 2B Stage > Base95 Stage Weeks 1-52	Number of Days Base95 Stage > Ground Elevation Weeks 1-52	Number of Days Plan 2B Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	1	234	89	-145
20469	14	248	86	-162
20477	120	217	80	-137
20737	34	221	9	-212
20743	46	221	68	-153
20838	160	29	17	-12
20925	145	197	61	-136
21007	134	221	70	-151
21017	161	22	15	-7
21094	97	221	31	-190
21105	156	74	42	-32

TABLE 60

Plan 3				
Model Indicator Cell	Number of Days Plan 3 Stage > Base95 Stage Weeks 1-52	Number of Days Base95 Stage > Ground Elevation Weeks 1-52	Number of Days Plan 3 Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	180	234	327	93
20469	180	248	306	58
20477	184	217	255	38
20737	190	221	288	67
20743	191	221	259	38
20838	261	29	24	-5
20925	198	197	186	-11
21007	199	221	260	39
21017	264	22	18	-4
21094	216	221	274	53
21105	260	74	77	3

TABLE 61

Plan 4, Plan 5, Plan 7				
Model Indicator Cell	Number of Days Plan Stage > Base95 Stage Weeks 1-52	Number of Days Base95 Stage > Ground Elevation Weeks 1-52	Number of Days Plan Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	363	234	362	128
20469	364	248	364	116
20477	363	217	320	103
20737	364	221	362	141
20743	364	221	340	119
20838	336	29	33	4
20925	363	197	262	65
21007	364	221	331	110
21017	346	22	28	6
21094	364	221	345	124
21105	362	74	175	101

TABLE 62

Plan 6B				
Model Indicator Cell	Number of Days Plan 6B Stage > Base95 Stage Weeks 1-52	Number of Days Base95 Stage > Ground Elevation Weeks 1-52	Number of Days Plan 6B Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	290	234	343	109
20469	344	248	364	116
20477	142	217	223	6
20737	272	221	339	118
20743	143	221	205	-16
20838	139	29	5	-24
20925	100	197	4	-193
21007	337	221	295	74
21017	136	22	2	-20
21094	364	221	341	120
21105	100	74	0	-74

TABLE 63

Plan 8A				
Model Indicator Cell	Number of Days Plan 8A Stage > Base95 Stage Weeks 1-52	Number of Days Base95 Stage > Ground Elevation Weeks 1-52	Number of Days Plan 8A Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	363	234	359	125
20469	364	248	364	116
20477	336	217	311	94
20737	364	221	342	121
20743	272	221	288	67
20838	281	29	27	-2
20925	197	197	186	-11
21007	93	221	109	-112
21017	239	22	18	-4
21094	221	221	208	-13
21105	149	74	45	-29

TABLE 64

Plan 8A				
Model Indicator Cell	Number of Days Plan 8A Stage > Base95 Stage Weeks 1-52	Number of Days Base95 Stage > Ground Elevation Weeks 1-52	Number of Days Plan 8A Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	363	234	359	125
20469	364	248	364	116
20477	336	217	311	94
20737	364	221	342	121
20743	272	221	288	67
20838	281	29	27	-2
20925	197	197	186	-11
21007	93	221	109	-112
21017	239	22	18	-4
21094	221	221	208	-13
21105	149	74	45	-29

TABLE 64

Plan 9				
Model Indicator Cell	Number of Days Plan 9 Stage > Base95 Stage Weeks 1-52	Number of Days Base95 Stage > Ground Elevation Weeks 1-52	Number of Days Plan 9 Stage > Ground Elevation Weeks 1-52	Net Number of Days Above Ground Weeks 1-52
20297	0.5	234	131.5	-102.5
20469	17.5	248	146.5	-101.5
20477	133	217	129	-88
20737	37.5	221	77.5	-143.5
20743	89	221	110.5	-110.5
20838	186	29	20	-9
20925	146.5	197	78	-119
21007	137	221	114.5	-106.5
21017	184	22	16	-6
21094	118.5	221	106.5	-114.5
21105	158	74	42.5	-31.5

NOTE: Plan 9 values calculated as the arithmetic average of Plan 1 & Plan 2B.

TABLE 65

Plan 1				
Model Indicator Cell	Number of Days Plan 1 Stage > Base95 Stage Weeks 21-37	Number of Days Base95 Stage > Ground Elevation Weeks 21-37	Number of Days Plan 1 Stage > Ground Elevation Weeks 21-37	Net Number of Days Above Ground Weeks 21-37
20297	0	116	115	-1
20469	0	116	115	-1
20477	11	116	116	0
20737	0	116	110	-6
20743	1	116	113	-3
20838	44	16	18	2
20925	7	115	72	-43
21007	3	115	115	0
21017	42	13	16	3
21094	2	115	115	0
21105	19	46	34	-12

TABLE 66

Plan 2B				
Model Indicator Cell	Number of Days Plan 2B Stage > Base95 Stage Weeks 21-37	Number of Days Base95 Stage > Ground Elevation Weeks 21-37	Number of Days Plan 2B Stage > Ground Elevation Weeks 21-37	Net Number of Days Above Ground Weeks 21-37
20297	0	116	63	-53
20469	0	116	61	-55
20477	0	116	56	-60
20737	0	116	9	-107
20743	0	116	51	-65
20838	19	16	14	-2
20925	4	115	45	-70
21007	2	115	52	-63
21017	20	13	13	0
21094	0	115	22	-93
21105	15	46	32	-14

TABLE 67

Plan 3				
Model Indicator Cell	Number of Days Plan 3 Stage > Base95 Stage Weeks 21-37	Number of Days Base95 Stage > Ground Elevation Weeks 21-37	Number of Days Plan 3 Stage > Ground Elevation Weeks 21-37	Net Number of Days Above Ground Weeks 21-37
20297	39	116	118	2
20469	39	116	118	2
20477	43	116	117	1
20737	49	116	117	1
20743	50	116	117	1
20838	87	16	18	2
20925	57	115	116	1
21007	58	115	117	2
21017	89	13	17	4
21094	71	115	117	2
21105	92	46	57	11

TABLE 68

Plan 4, Plan 5, Plan 7				
Model Indicator Cell	Number of Days Plan Stage > Base95 Stage Weeks 21-37	Number of Days Base95 Stage > Ground Elevation Weeks 21-37	Number of Days Plan Stage > Ground Elevation Weeks 21-37	Net Number of Days Above Ground Weeks 21-37
20297	117	116	118	2
20469	118	116	118	2
20477	117	116	117	1
20737	118	116	118	2
20743	118	116	118	2
20838	117	16	21	5
20925	117	115	117	2
21007	118	115	118	3
21017	117	13	19	6
21094	118	115	118	3
21105	117	46	116	70

TABLE 69

Plan 6B				
Model Indicator Cell	Number of Days Plan 6B Stage > Base95 Stage Weeks 21-37	Number of Days Base95 Stage > Ground Elevation Weeks 21-37	Number of Days Plan 6B Stage > Ground Elevation Weeks 21-37	Net Number of Days Above Ground Weeks 21-37
20297	111	116	118	2
20469	118	116	118	2
20477	1	116	116	0
20737	99	116	118	2
20743	2	116	116	0
20838	1	16	5	-11
20925	0	115	4	-111
21007	118	115	117	2
21017	1	13	2	-11
21094	118	115	118	3
21105	0	46	0	-46

TABLE 70

Plan 8A				
Model Indicator Cell	Number of Days Plan 8A Stage > Base95 Stage Weeks 21-37	Number of Days Base95 Stage > Ground Elevation Weeks 21-37	Number of Days Plan 8A Stage > Ground Elevation Weeks 21-37	Net Number of Days Above Ground Weeks 21-37
20297	117	116	118	2
20469	118	116	118	2
20477	117	116	117	1
20737	118	116	118	2
20743	108	116	117	1
20838	104	16	18	2
20925	56	115	116	1
21007	0	115	81	-34
21017	65	13	16	3
21094	78	115	115	0
21105	7	46	33	-13

TABLE 71

Plan 9				
Model Indicator Cell	Number of Days Plan 9 Stage > Base95 Stage Weeks 21-37	Number of Days Base95 Stage > Ground Elevation Weeks 21-37	Number of Days Plan 9 Stage > Ground Elevation Weeks 21-37	Net Number of Days Above Ground Weeks 21-37
20297	0	116	89	-27
20469	0	116	88	-28
20477	5.5	116	86	-30
20737	0	116	59.5	-56.5
20743	0.5	116	82	-34
20838	31.5	16	16	0
20925	5.5	115	58.5	-56.5
21007	2.5	115	83.5	-31.5
21017	31	13	14.5	1.5
21094	1	115	68.5	-46.5
21105	17	46	33	-13

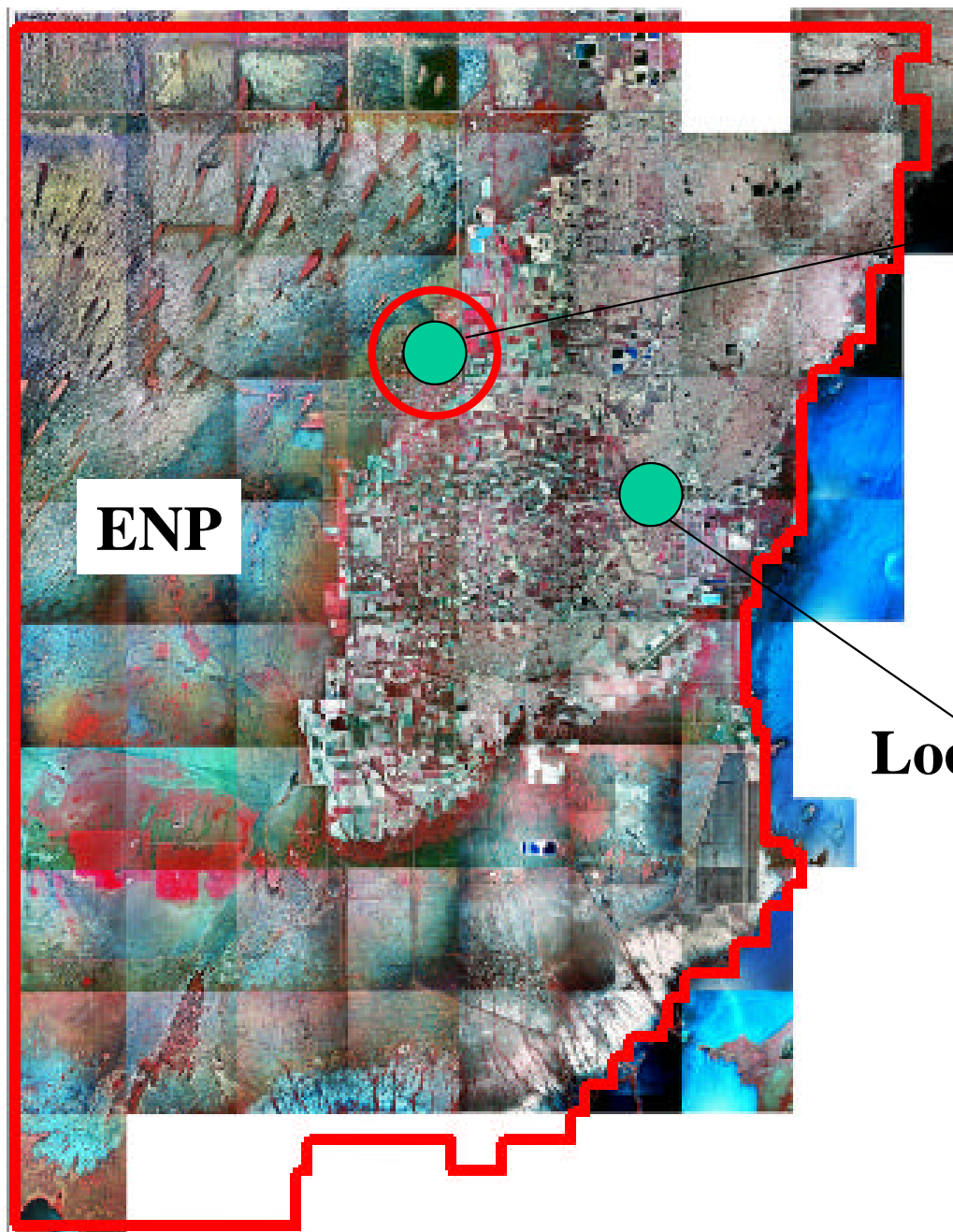
TABLE 72

Spatial Changes in NESRS Hydroperiod										
	Base95	Plan 1	Plan 2B	Plan 3	Plan 4	Plan 5	Plan 6B	Plan 7	Plan 8A	Plan 9
Number of Acres of <i>Increased</i> Hydroperiod as Compared to Base95	0	30207	29799	30982	30982	30982	30982	30982	30982	30003
Number of Acres of <i>Decreased</i> Hydroperiod as Compared to Base95	0	775	1183	0	0	0	0	0	0	979
Number of Acres of <i>Increased</i> Hydroperiod as Compared to Plan 1	775	0	6669	9759	9650	9650	9247	9650	9558	3335
Number of Acres of <i>Decreased</i> Hydroperiod as Compared to Plan 1	30207	0	3501	224	283	283	736	283	425	1751

Spatial Changes in NESRS Depth										
	Base95	Plan 1	Plan 2B	Plan 3	Plan 4	Plan 5	Plan 6B	Plan 7	Plan 8A	Plan 9
Number of Acres of <i>Increased</i> Depth as Compared to Base95	0	59427	59694	62396	62125	62125	62068	62125	62029	59560.5
Number of Acres of <i>Decreased</i> Depth as Compared to Base95	0	2538	2271	0	0	0	0	0	95	2405
Number of Acres of <i>Increased</i> Depth as Compared to Plan 1	2538	0	44369	51453	52687	52687	54644	52687	25976	22184.5
Number of Acres of <i>Decreased</i> Depth as Compared to Plan 1	59427	0	15846	10942	9438	9438	7423	9438	36104	7923

Hydroperiods of Selected Model Indicator Cells (Number of Days Based on the Average of 1989 and 1995 Stages)											
Model Indicator Cell	Base83	Base95	Plan 1	Plan 2B	Plan 3	Plan 4	Plan 5	Plan 6B	Plan 7	Plan 8A	Plan 9
20457	207	187	332	352	364	360	360	353	360	353	342
20737	147	104	0	0	44	186	186	166	186	177	0
20743	84	20	0	0	11	122	122	7	122	68	0
20726	192	186	230	258	345	269	269	264	269	263	244
20980	215	191	363	364	364	364	364	364	364	364	363.5
21277	4	0	0	41	11	20	20	64	20	87	20.5
21529	142	105	186	232	186	186	186	190	186	186	209
21259	157	132	186	231	191	188	188	191	188	191	208.5
21891	116	44	178	219	185	183	183	190	183	185	198.5
21971	156	136	186	192	187	186	186	191	186	186	189
22335	141	102	185	192	186	186	186	189	186	186	188.5
23325	127	70	177	186	155	183	183	186	183	183	181.5
23331	62	0	159	185	80	169	169	183	169	177	172
20297	62	78	0	0	20	182	182	155	182	184	0
20477	9	0	0	0	0	8	8	0	8	4	0
20838	0	0	0	0	0	0	0	0	0	0	0
21017	0	0	0	0	0	0	0	0	0	0	0
20925	7	0	0	0	0	4	4	0	4	0	0
21105	0	0	0	0	0	0	0	0	0	0	0
21007	112	48	1	0	26	156	156	137	156	4	0.5
20469	177	155	6	0	71	229	229	207	229	222	3
21094	137	75	2	0	55	184	184	180	184	150	1
19761	208	155	282	244	271	275	275	248	275	271	263
19766	38	56	102	90	96	96	96	89	96	94	96
20031	93	126	204	163	192	205	205	171	205	207	183.5
20036	0	0	0	0	0	0	0	0	0	0	0
20390	0	0	0	0	0	0	0	0	0	0	0
20396	0	0	0	0	0	0	0	0	0	0	0
20931	0	0	0	0	0	0	0	0	0	0	0
20936	0	0	0	0	0	0	0	0	0	0	0
21271	105	28	119	176	186	180	180	186	180	186	147.5
21791	162	142	186	192	190	188	188	191	188	188	189
20890	233	200	364	364	364	364	364	364	364	364	364
19990	364	364	364	364	364	364	364	364	364	364	364
20378	192	180	218	215	364	286	286	249	286	262	216.5
24577	135	135	154	159	152	156	156	158	156	156	156.5
24587	83	41	136	143	138	140	140	143	140	140	139.5
19177	364	364	364	364	364	364	364	364	364	364	364
19213	364	364	364	364	364	364	364	364	364	364	364
20357	267	218	364	364	364	364	364	364	364	364	364
20206	223	177	253	243	363	324	324	300	324	311	248
20350	342	317	364	364	364	364	364	364	364	364	364
20900	192	186	234	272	307	262	262	261	262	261	253
19274	364	364	364	364	364	364	364	364	364	364	364
23229	147	137	177	186	177	182	182	185	182	183	181.5

FIGURES

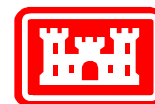


Location of 8.5 SMA

Location of Homestead



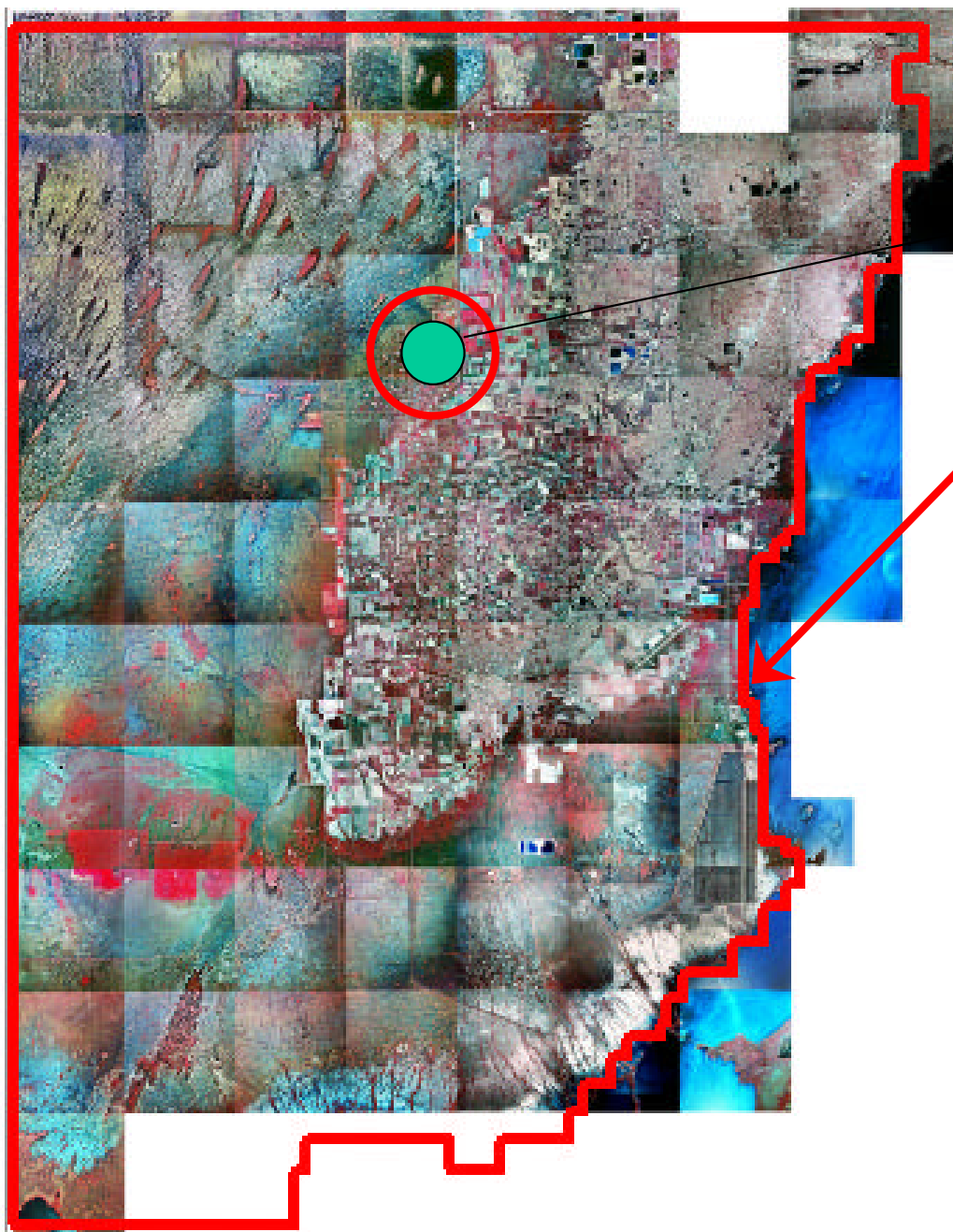
Not to Scale



Model Study Area

Figure 1

US Army Corps of Engineers
Jacksonville District

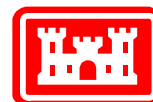


Location of 8.5 SMA

Extent of Model



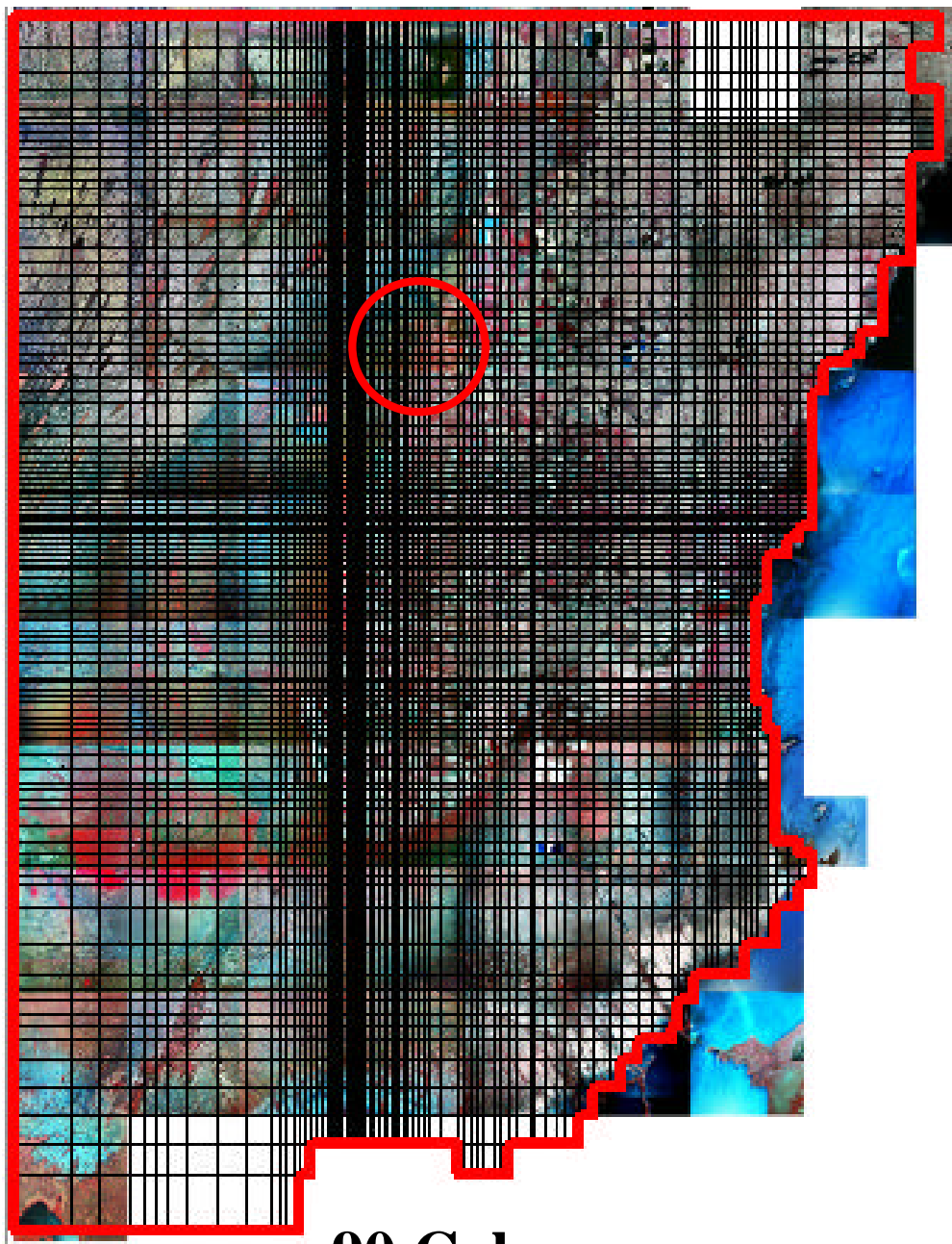
Not to Scale



**Modbranch
Model Boundary**

Figure 2

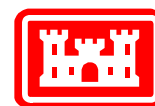
**US Army Corps of Engineers
Jacksonville District**



103 Rows



Not to Scale

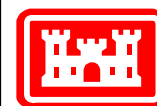
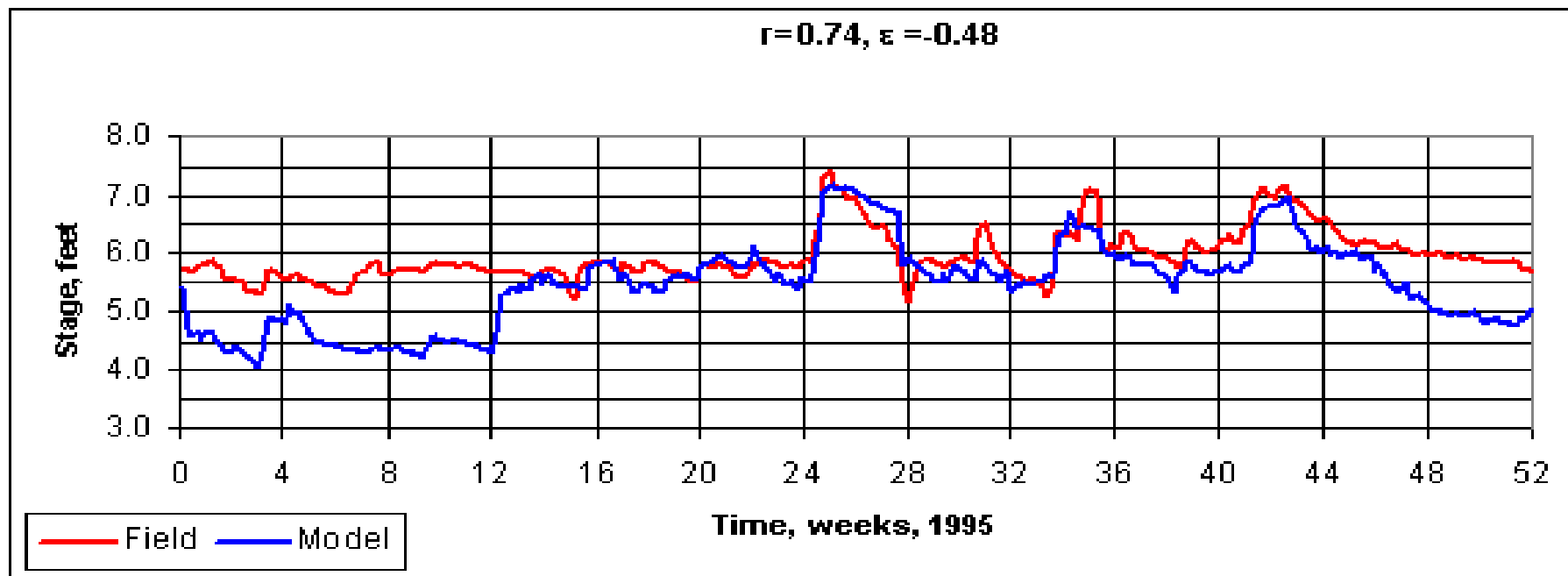


**Modbranch
Model Grid**

Figure 3

**US Army Corps of Engineers
Jacksonville District**

90 Columns



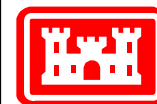
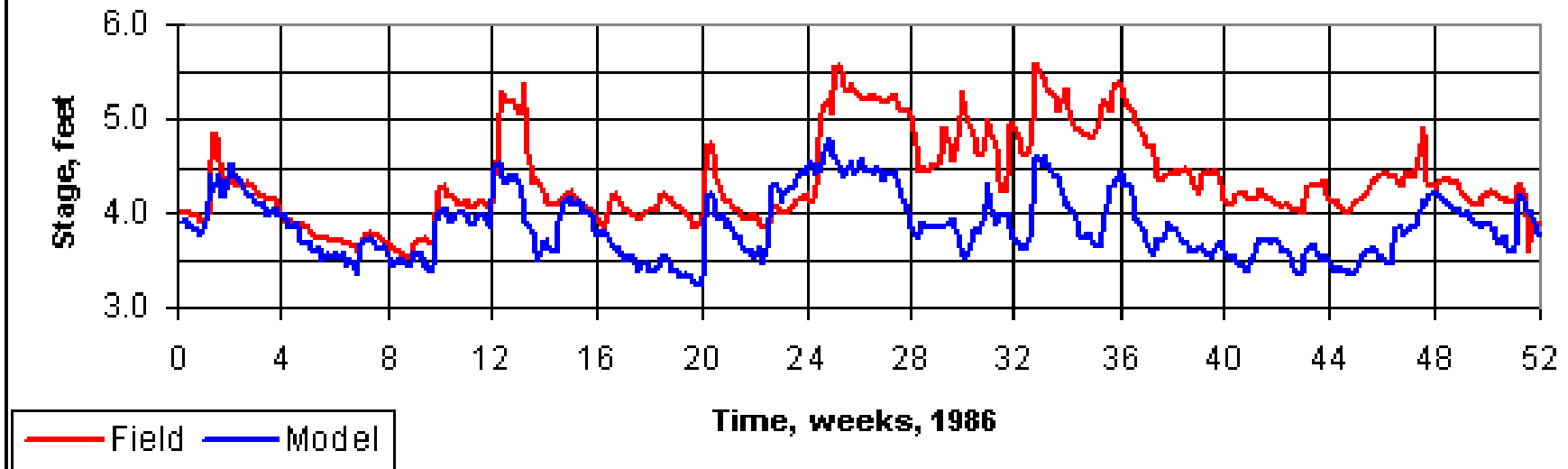
Excerpts from
Calibration Report
Structure G-211

Figure 4

US Army Corps of Engineers
Jacksonville District

Tail Water Stage at Structure S-331

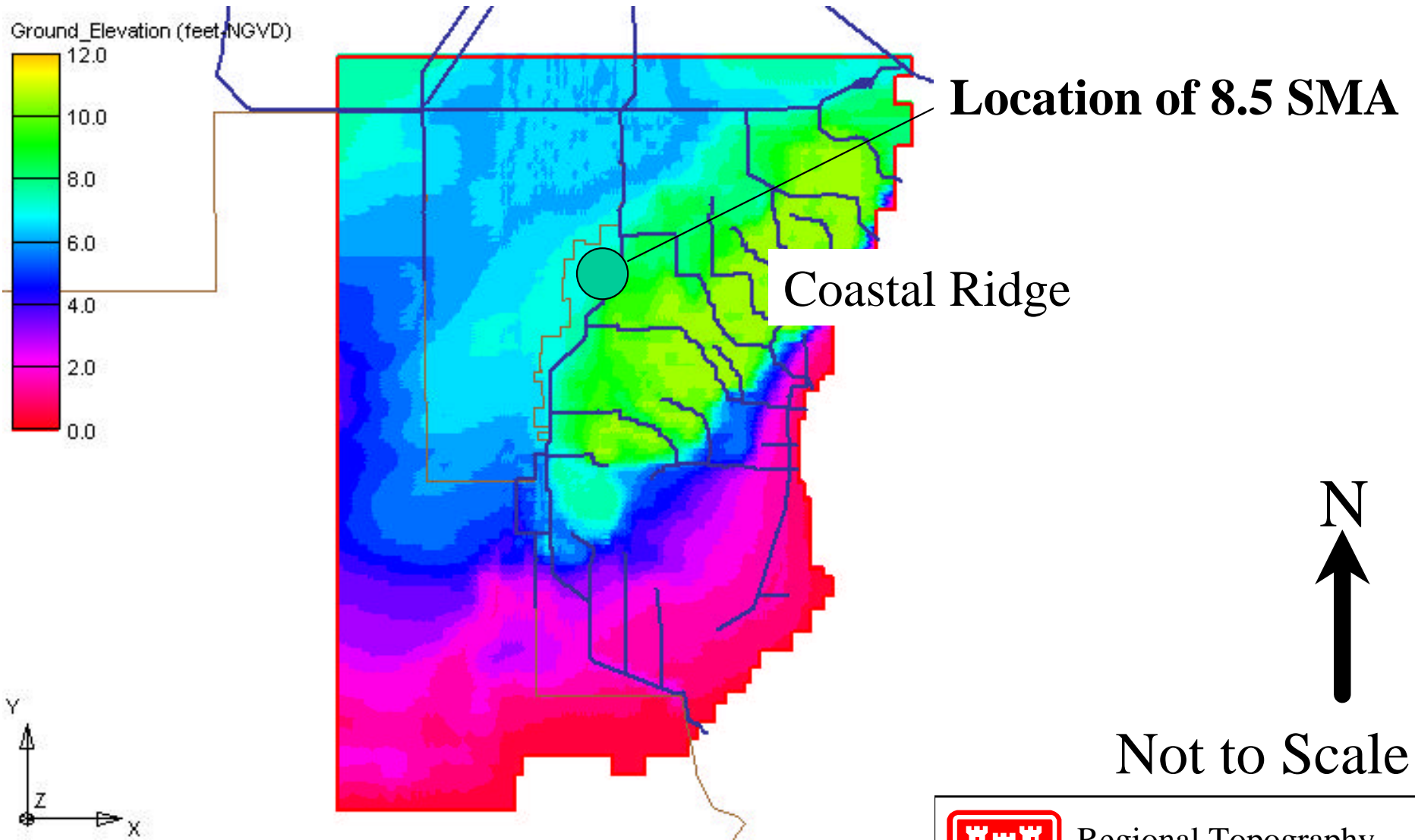
$r=0.62$, $\epsilon=-0.48$



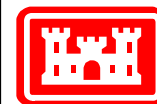
Excerpts from
Calibration Report
Structure S-331

Figure 5

US Army Corps of Engineers
Jacksonville District



Note: Elevations are referenced to NGVD 1929

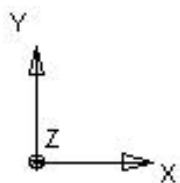
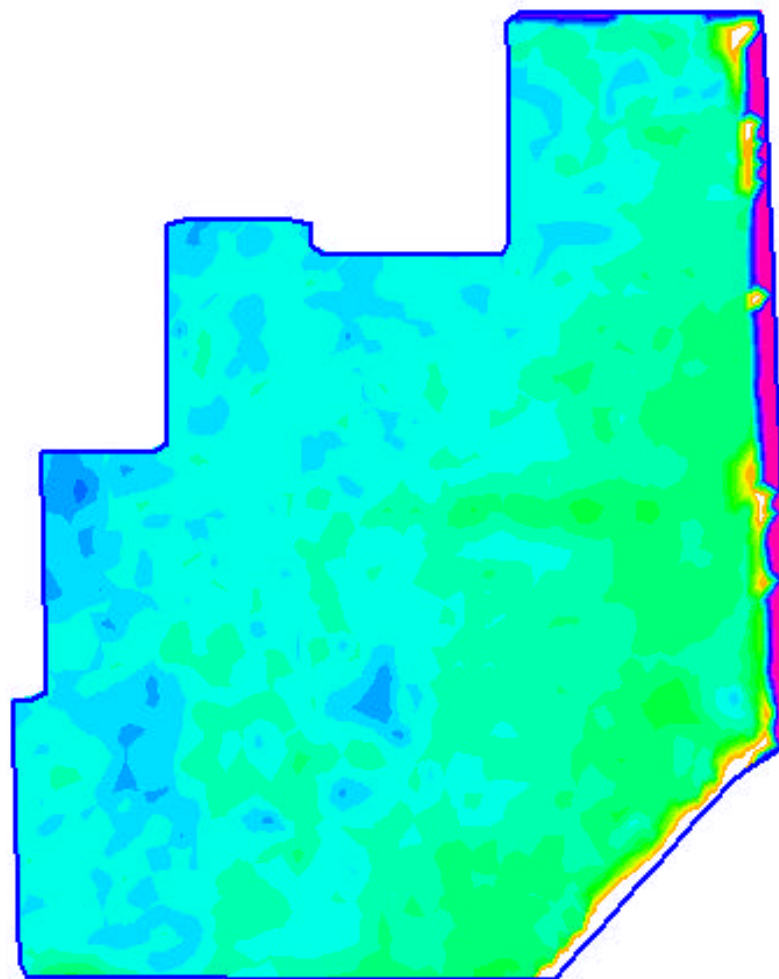
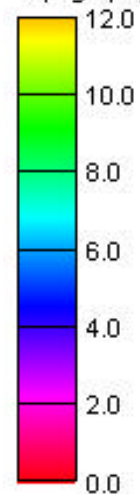


Regional Topography
Utilized in Modbranch
Model

Figure 6

US Army Corps of Engineers
Jacksonville District

Topography_Elev_NGVD29



Not to Scale

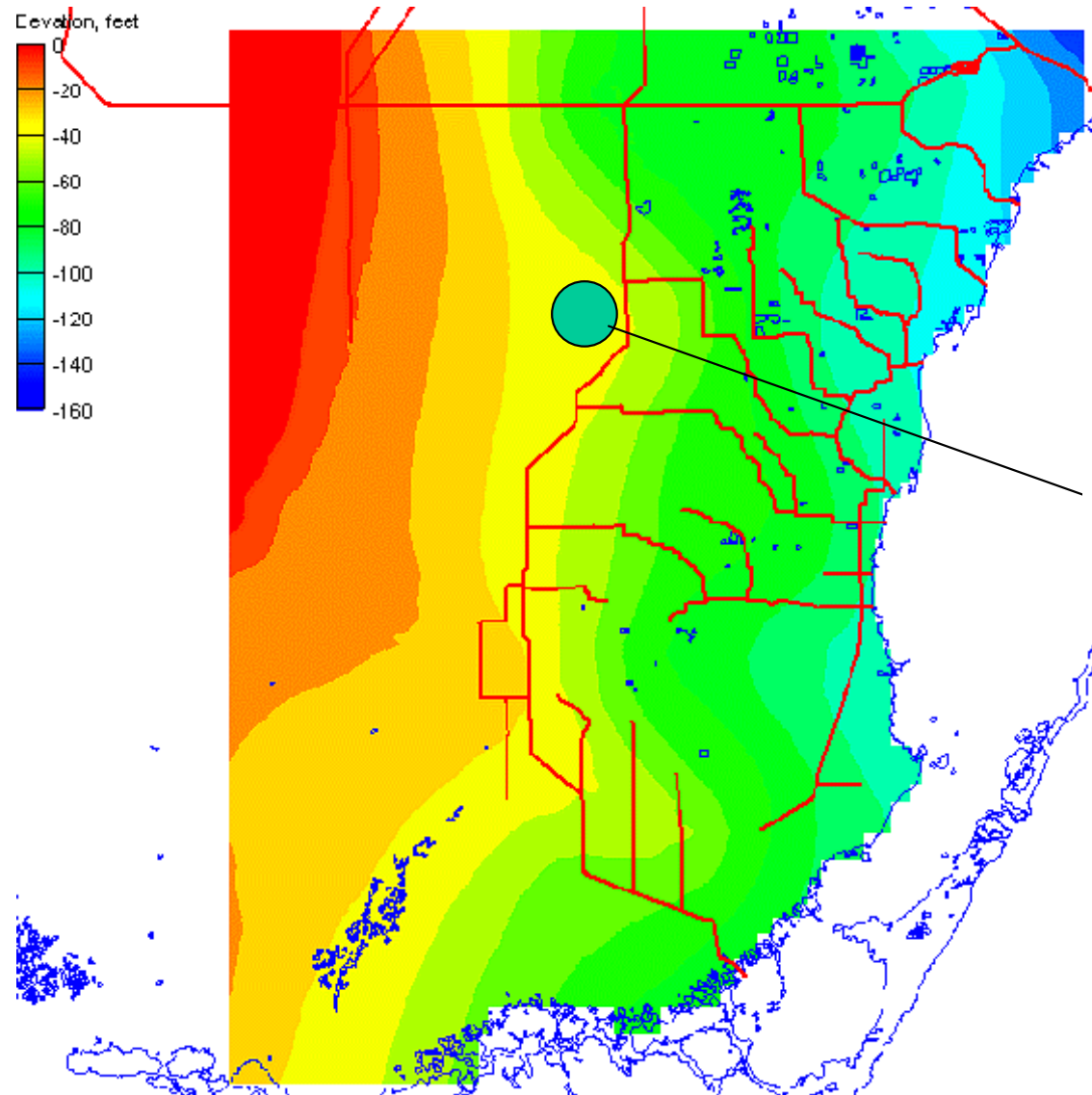


Detailed Topography in
8.5 SMA Based on 1986
COE Survey of Area

Figure 7

US Army Corps of Engineers
Jacksonville District

Note: Elevations are referenced to NGVD 1929

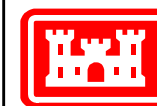


**Bottom of the Biscayne
Aquifer**

Location of 8.5 SMA



Not to Scale

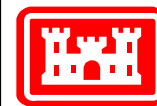
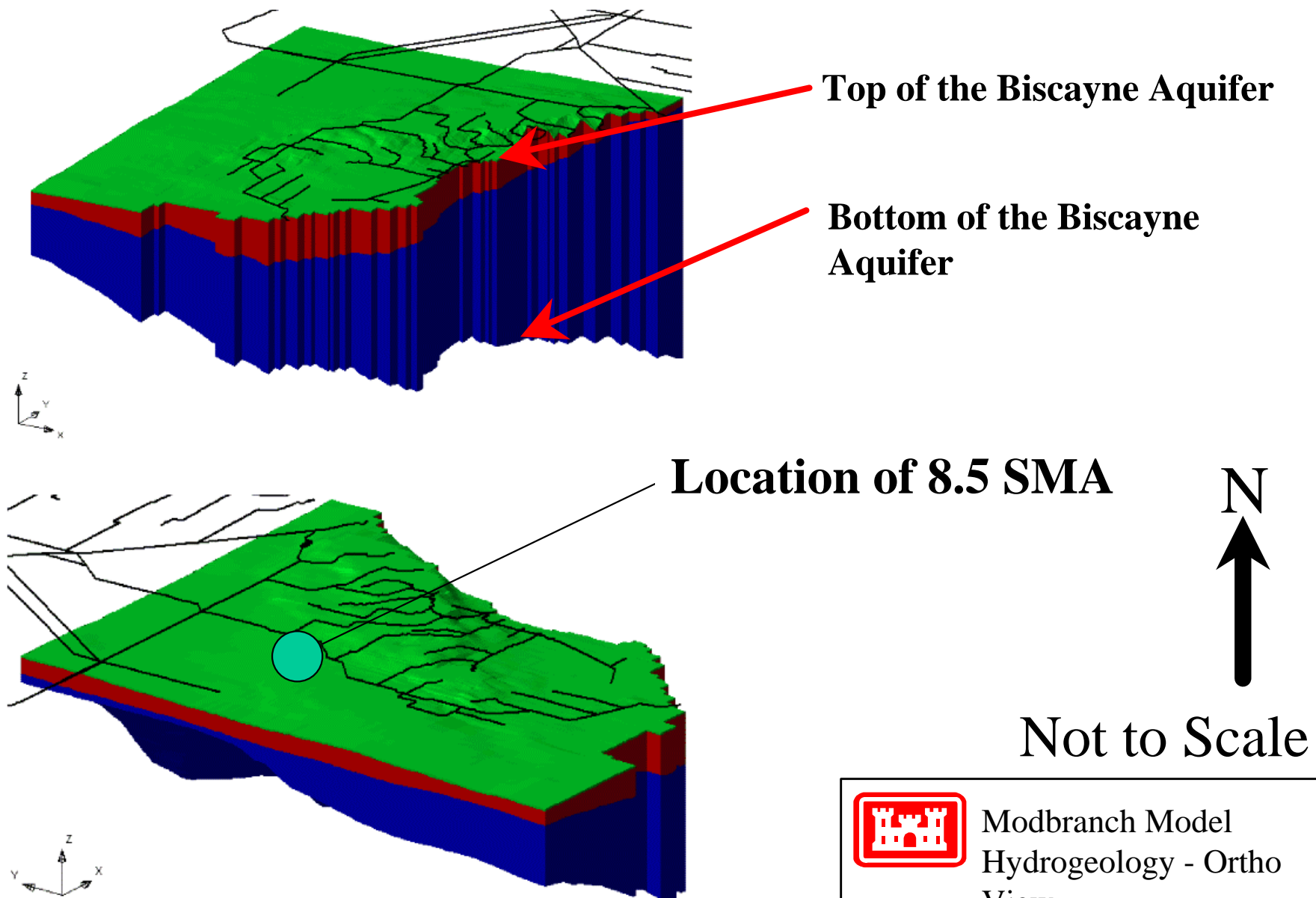


Modbranch Model
Hydrogeology - Elevation
of Bottom of the Biscayne
Aquifer

Figure 8

**Note: The Biscayne begins at the Western
edge of Dade County and dips to the East**

US Army Corps of Engineers
Jacksonville District

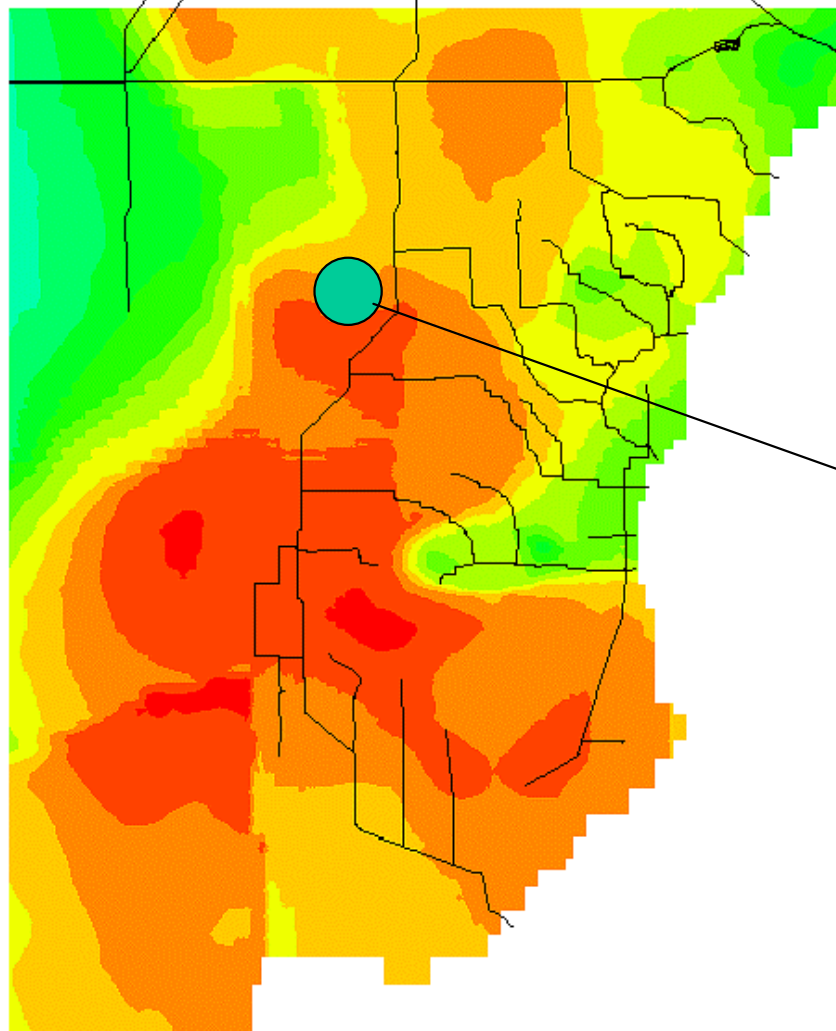


Modbranch Model
Hydrogeology - Ortho
View

Figure 9

US Army Corps of Engineers
Jacksonville District

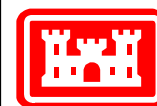
log10(U , ft²/day)
6.00
5.50
5.00
4.50
4.00
3.50
3.00



Location of 8.5 SMA



Not to Scale



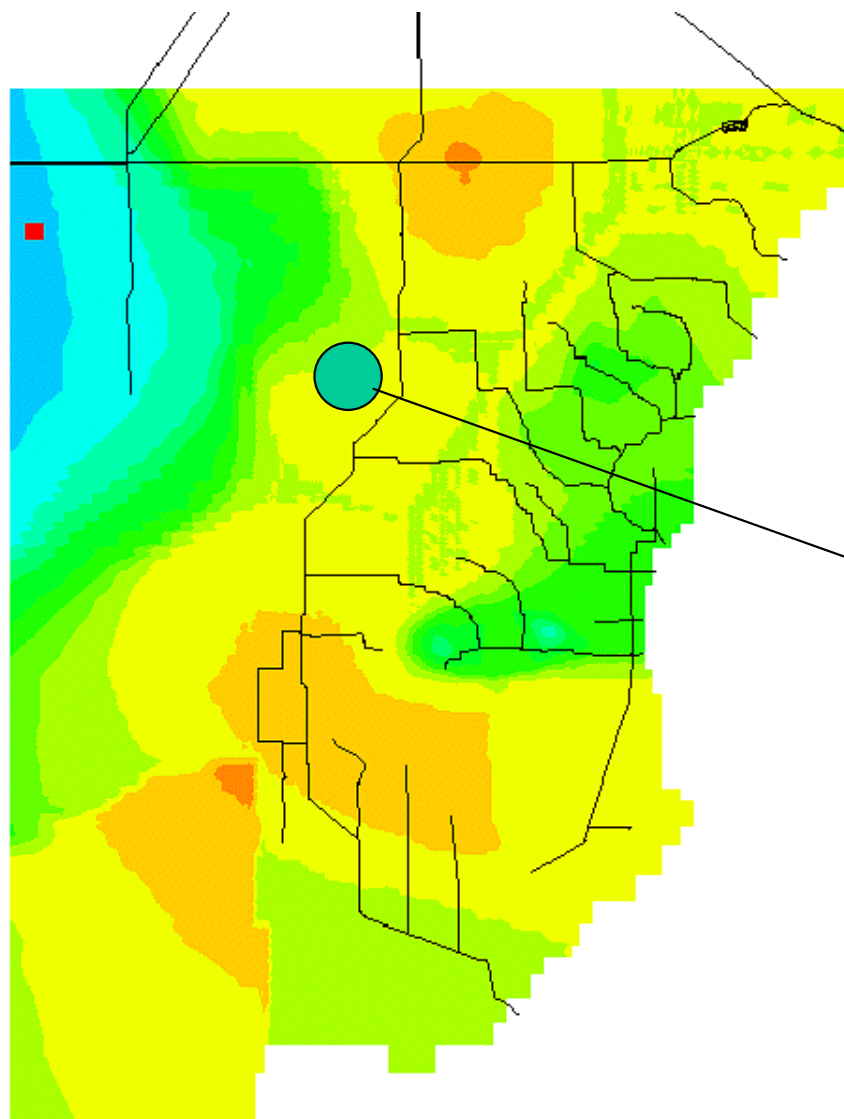
Modbranch Model
Hydrogeology - Aquifer
Conductivity for Layer
2 (ft/Day)

Figure 10

Note: Contours are depicted with a Log scale with 6 = 1,000,000 (6 zeros)

US Army Corps of Engineers
Jacksonville District

log10(T, ft²/day)
7.00
6.50
6.00
5.50
5.00
4.50
4.00



Location of 8.5 SMA



Not to Scale

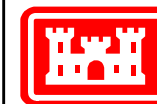
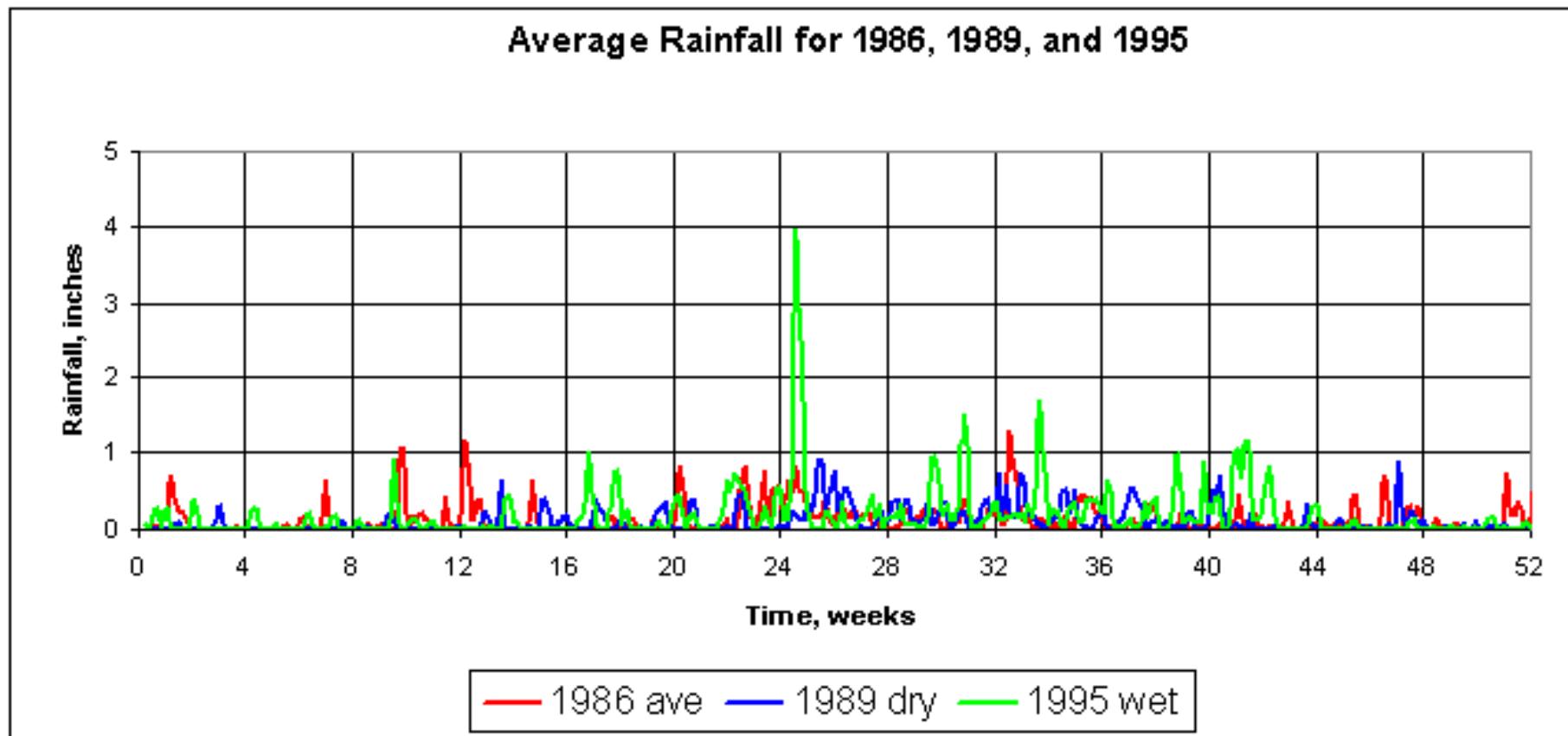
Note: Contours are depicted with a Log scale with 6 = 1,000,000 (6 zeros)



Modbranch Model
Hydrogeology - Aquifer
Transmissivity for Layer 3
(ft²/Day)

Figure 11

US Army Corps of Engineers
Jacksonville District

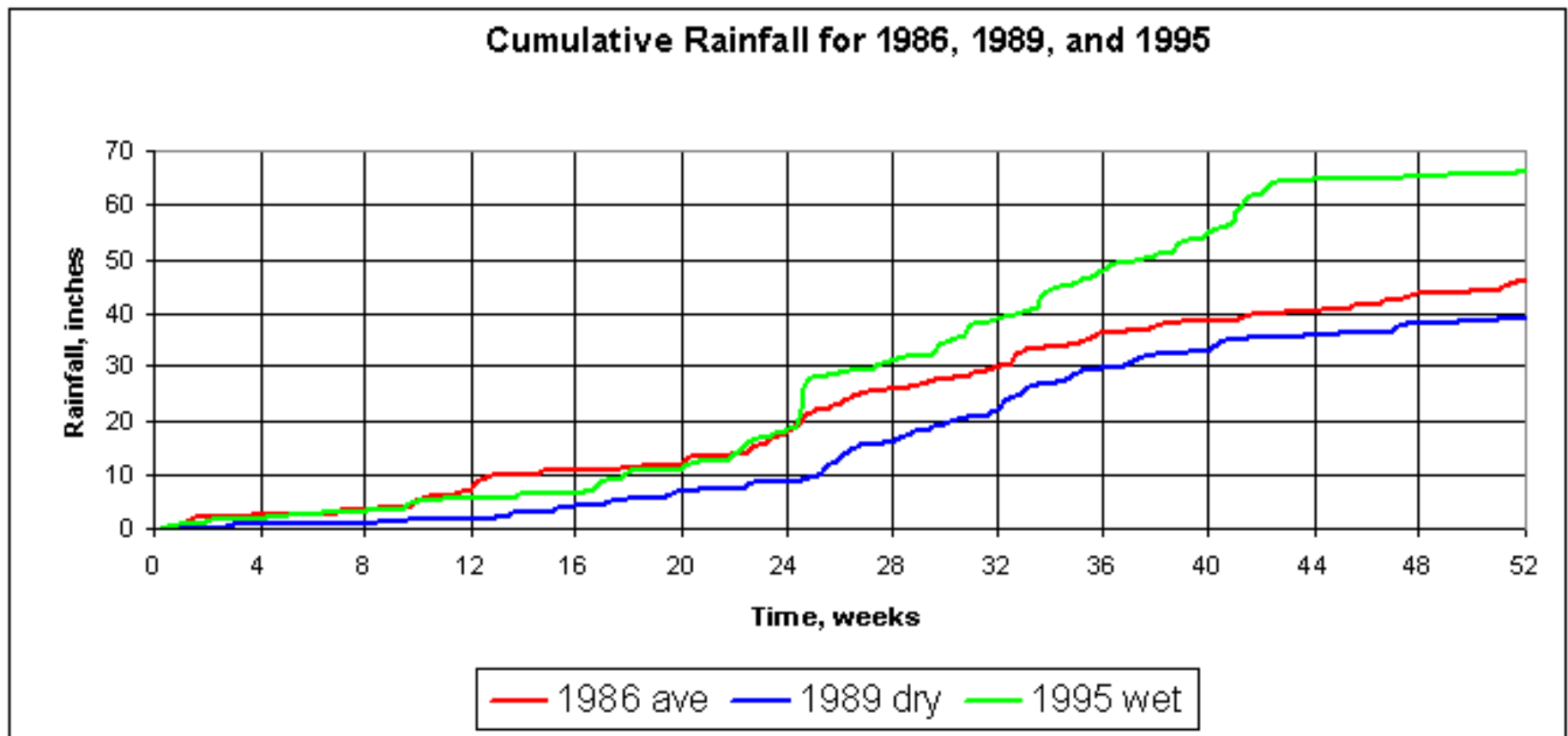


Rainfall Data for 1986,
1989 and 1995 (Inches)

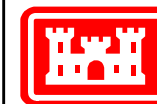
Figure 12

US Army Corps of Engineers
Jacksonville District

Note: Source is SFWMM 2X2 Model



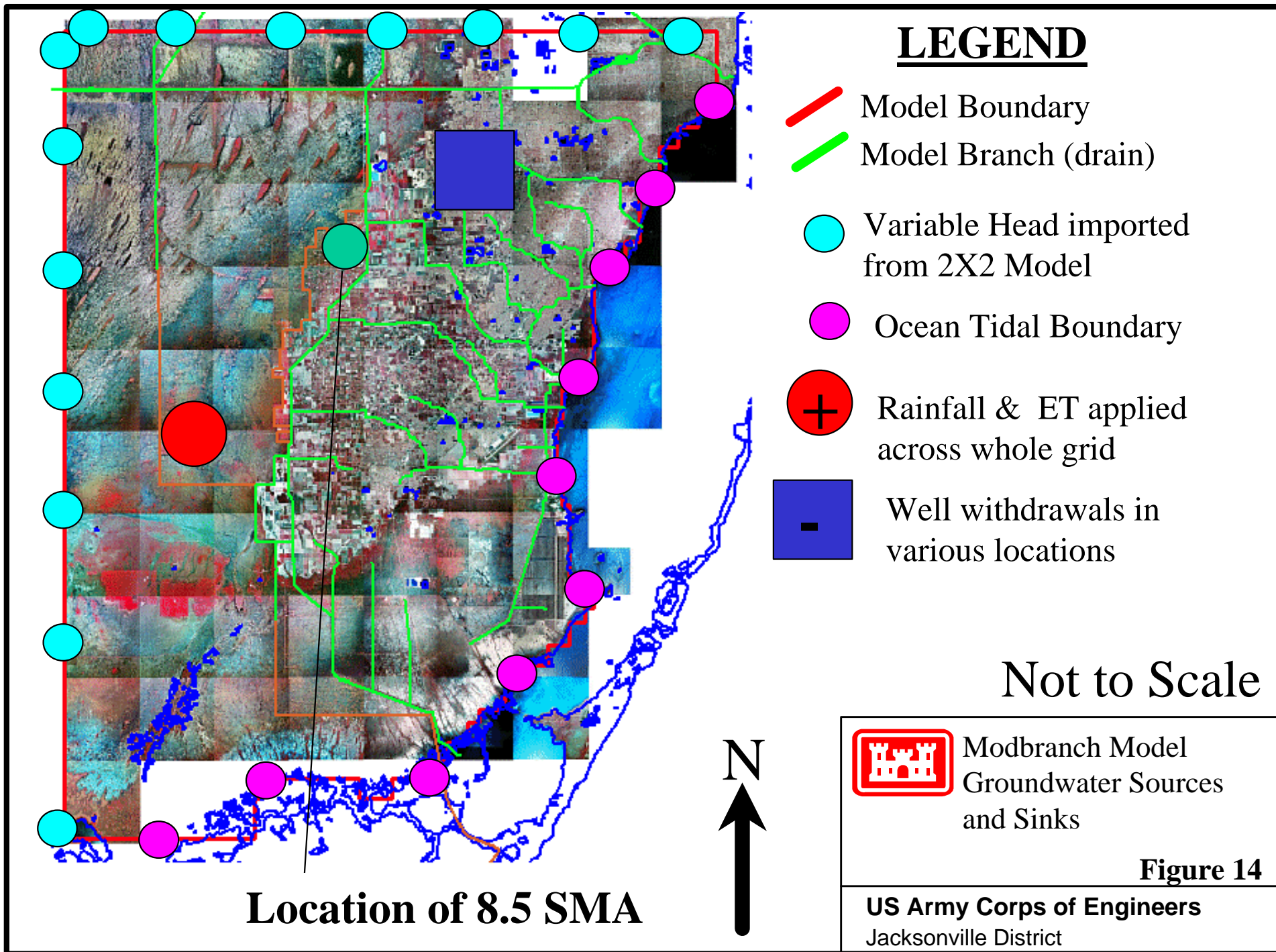
Note: Source is SFWMM 2X2 Model

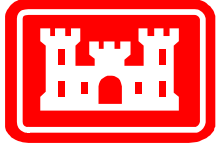


Rainfall Data for 1986,
1989 and 1995 (Inches)

Figure 13

US Army Corps of Engineers
Jacksonville District





**US Army Corps
of Engineers**
Jacksonville District



DRAFT







03/15/00

**8.5 Square Mile Area (SMA)
Hydraulic and Hydrogeologic Model Report
APPENDIX A**

Alternatives to be Evaluated

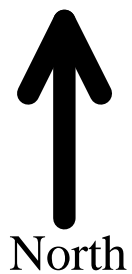
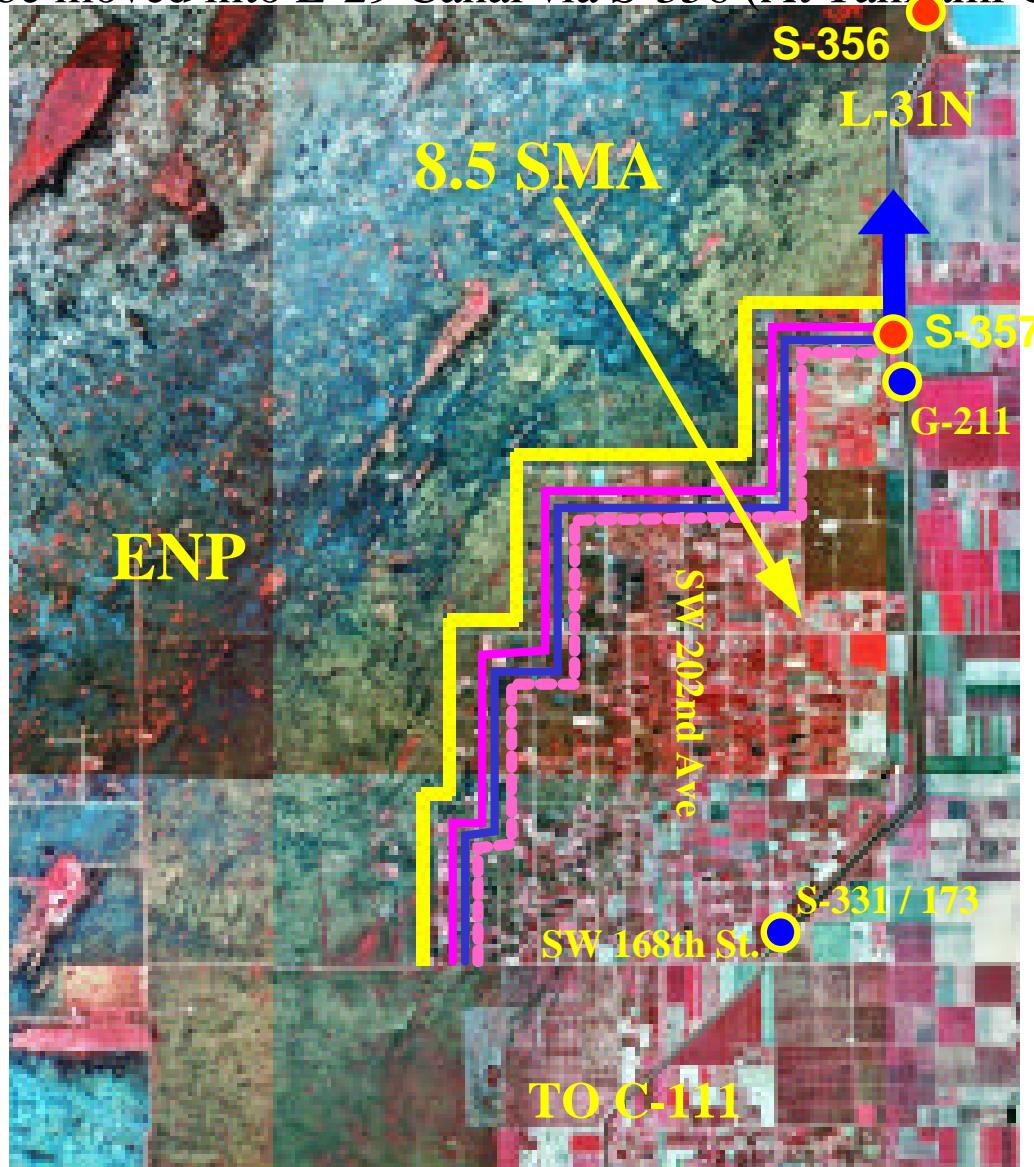
Note: S-357 would discharge to L-31North Canal, then water would be moved into L-29 Canal via S-356 (At Tamiami Canal)

LEGEND

-  Project Boundary
-  Proposed Major Levee
-  Proposed Minor Levee
-  Proposed seepage canal
-  Existing Structure
-  Proposed Structure

Evaluated 1, 1A & 1B

1 was retained with S-357 pumping @ 225 cfs



Not To Scale

FLOOD MITIGATION PLAN

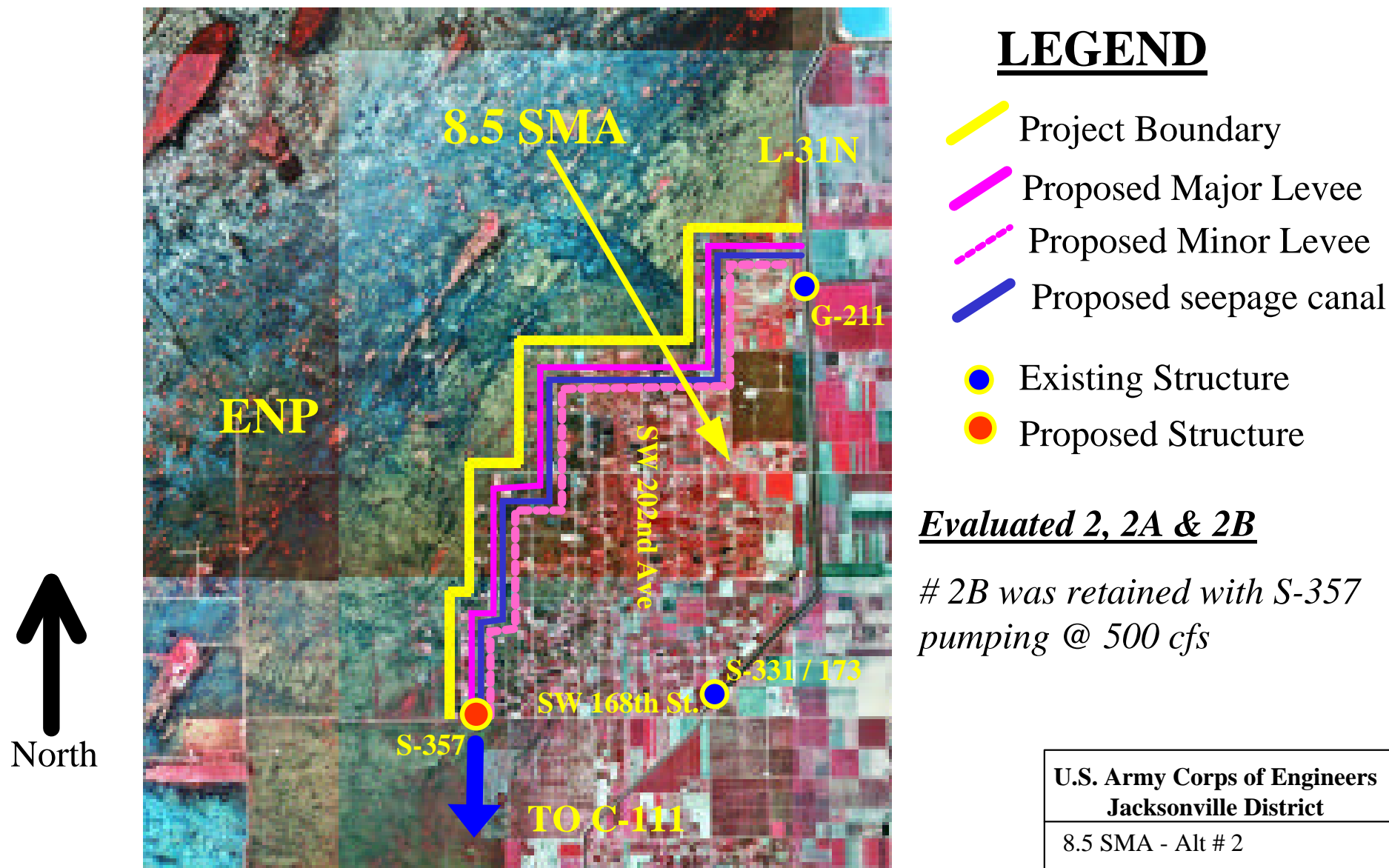
U.S. Army Corps of Engineers
Jacksonville District

8.5 SMA - Alt # 1

Original GDM Plan

Figure 15

Note: S-357 would discharge south to proposed new STA



Not To Scale

FLOOD MITIGATION PLAN

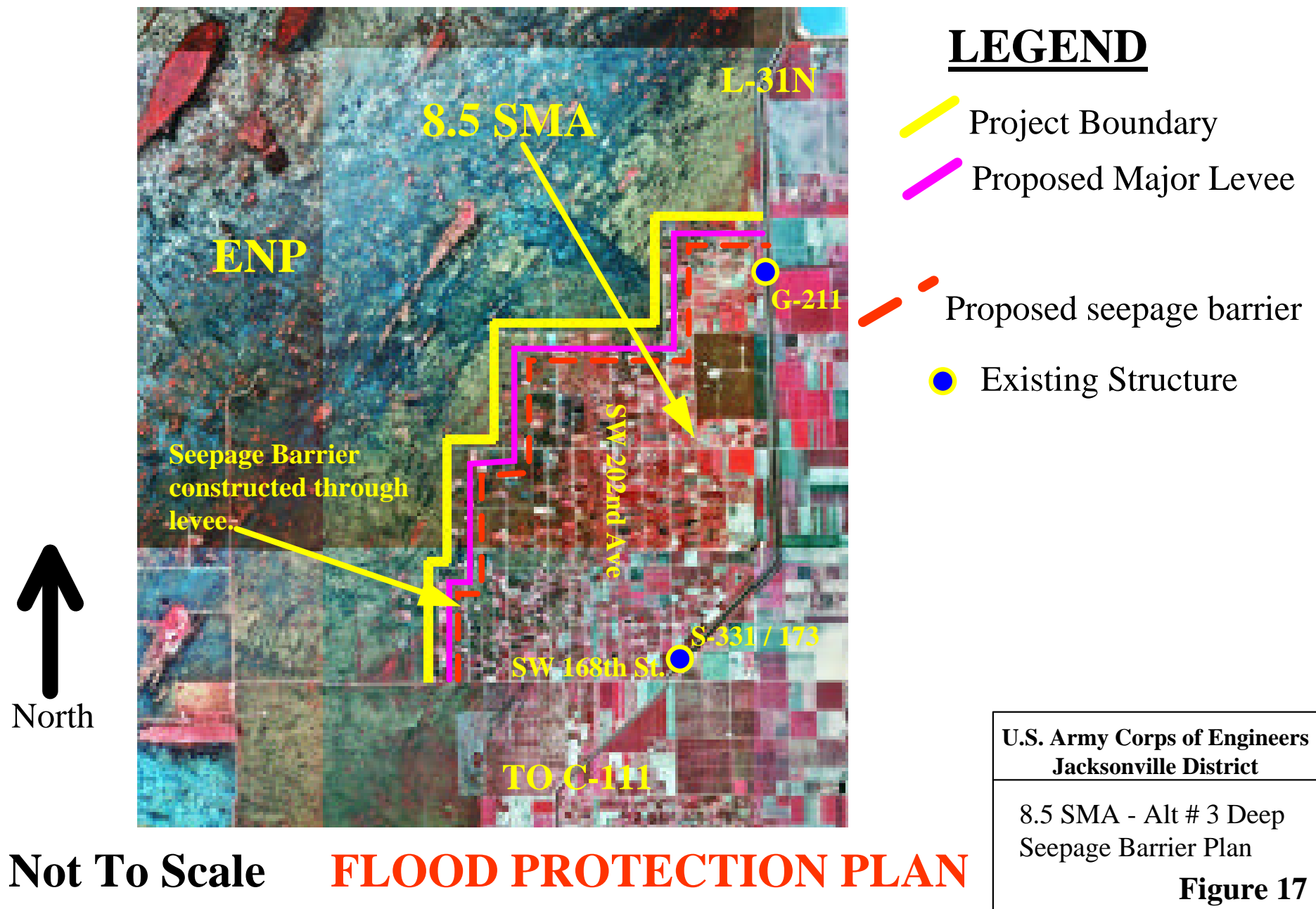
U.S. Army Corps of Engineers
Jacksonville District

8.5 SMA - Alt # 2

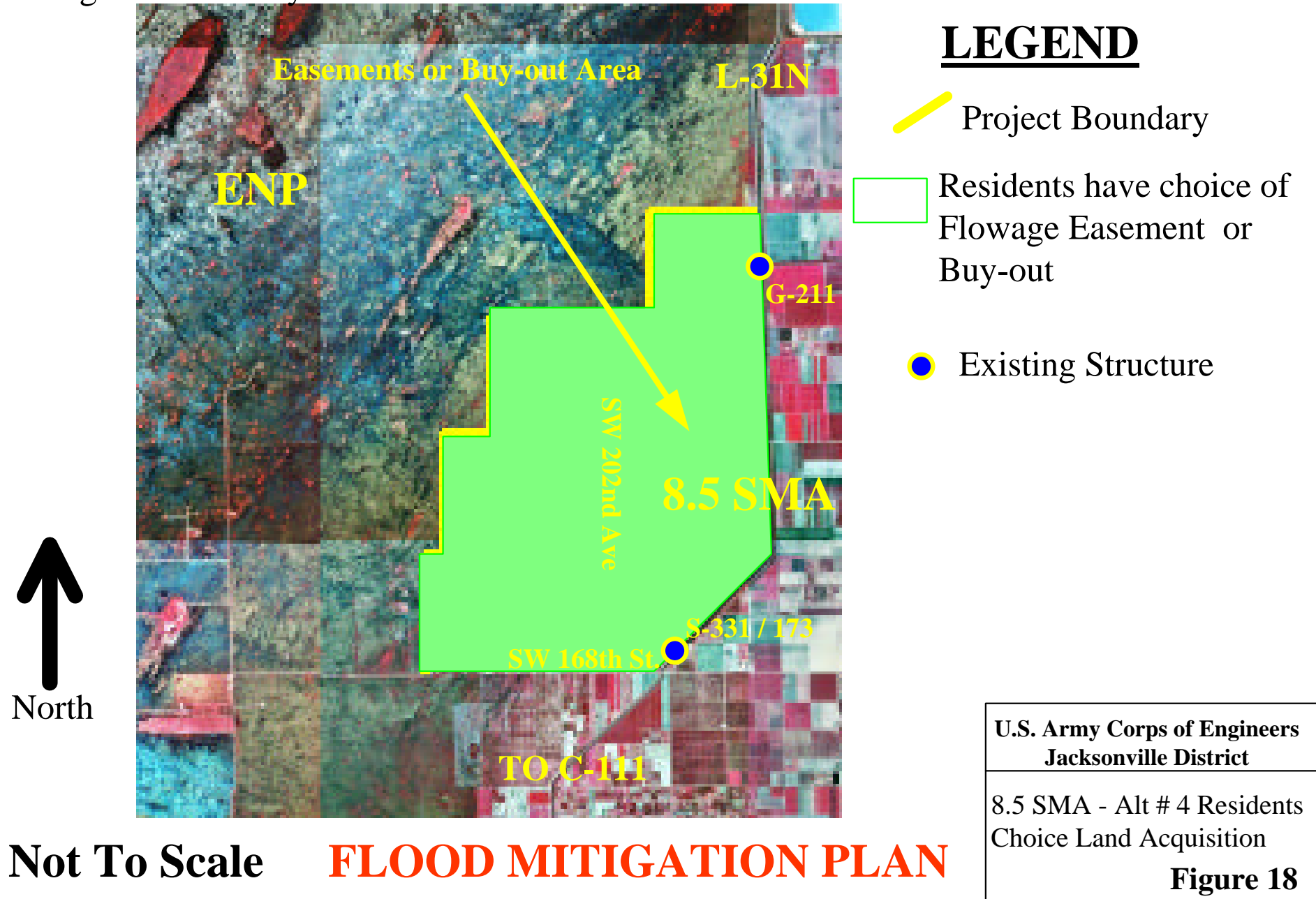
Modified GDM Plan with
NSM Conditions

Figure 16

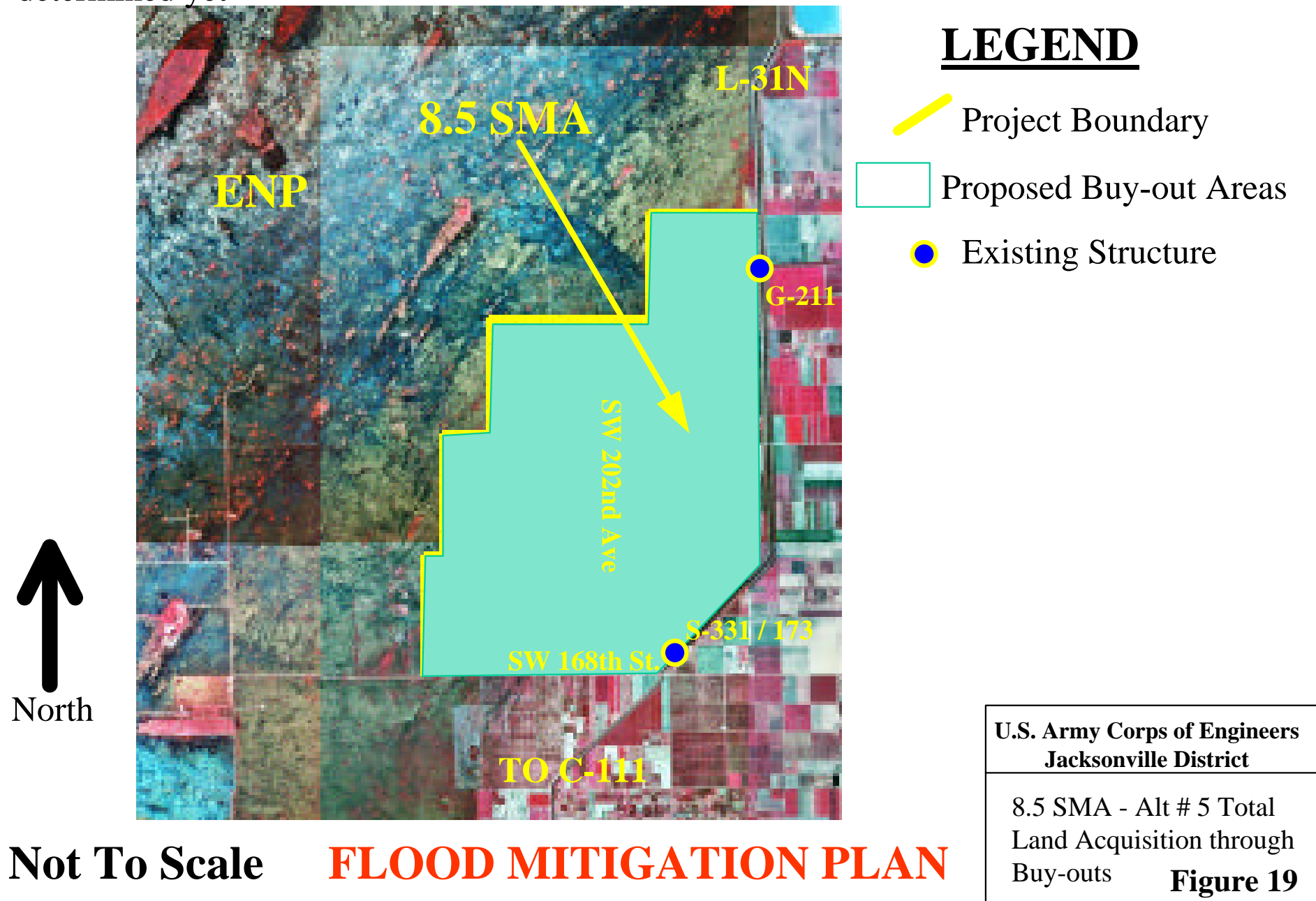
Note: Seepage Barrier would be set 50 to 70 feet below ground



Note: Exact real estate requirements will be determined through further analysis










Note: Overall management of the area has not been determined yet



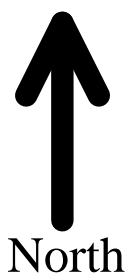
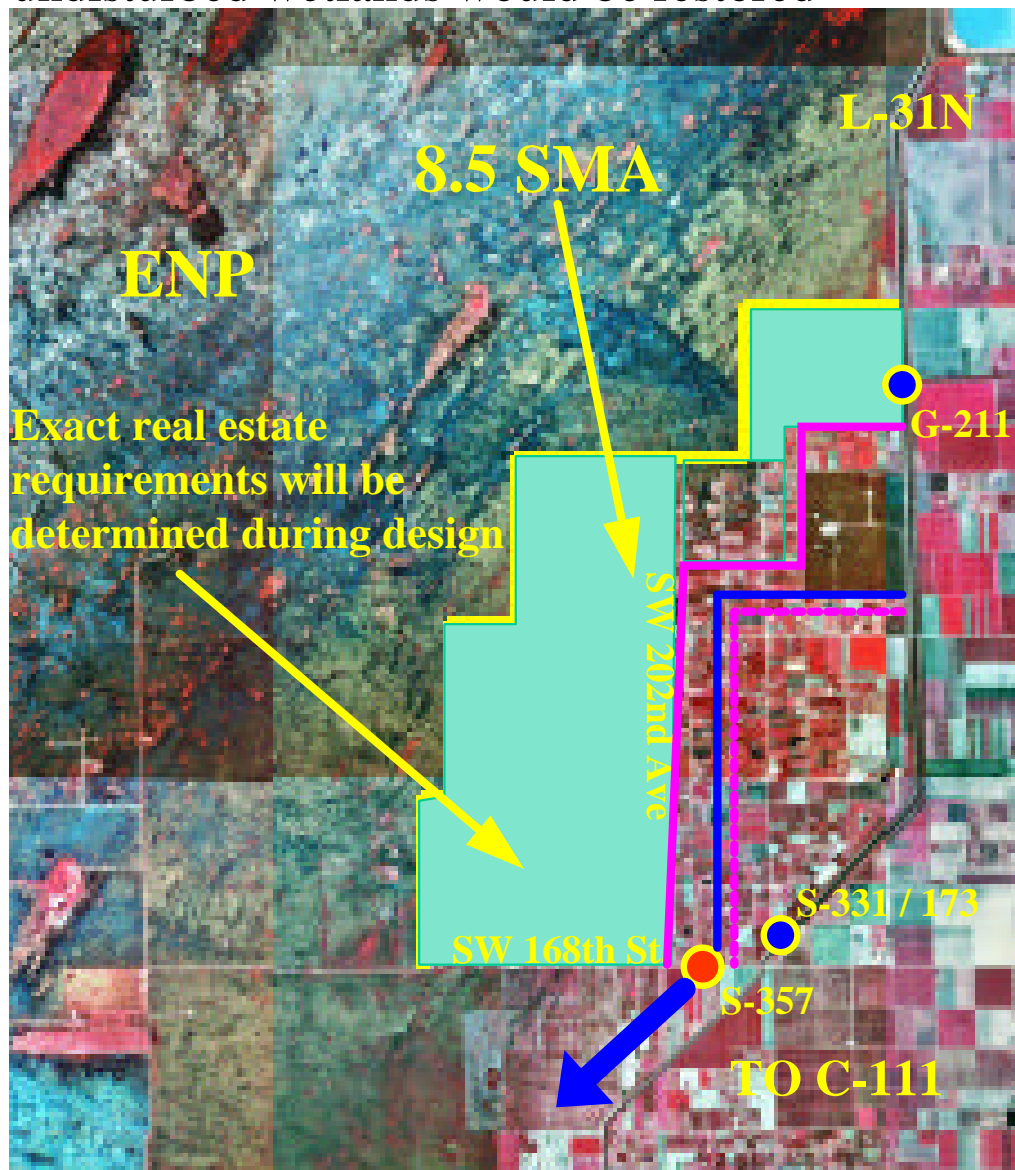
Note: Area west of SW 202nd Ave would be utilized as a buffer area and undisturbed wetlands would be restored

LEGEND

-  Project Boundary
-  Proposed Major Levee
-  Proposed Minor Levee
-  Proposed seepage canal
-  Proposed Buy-out area
-  Existing Structure
-  Proposed Structure

Evaluated 6, 6A & 6B

6B was retained with S-357 pumping @ 500 cfs



North

Not To Scale

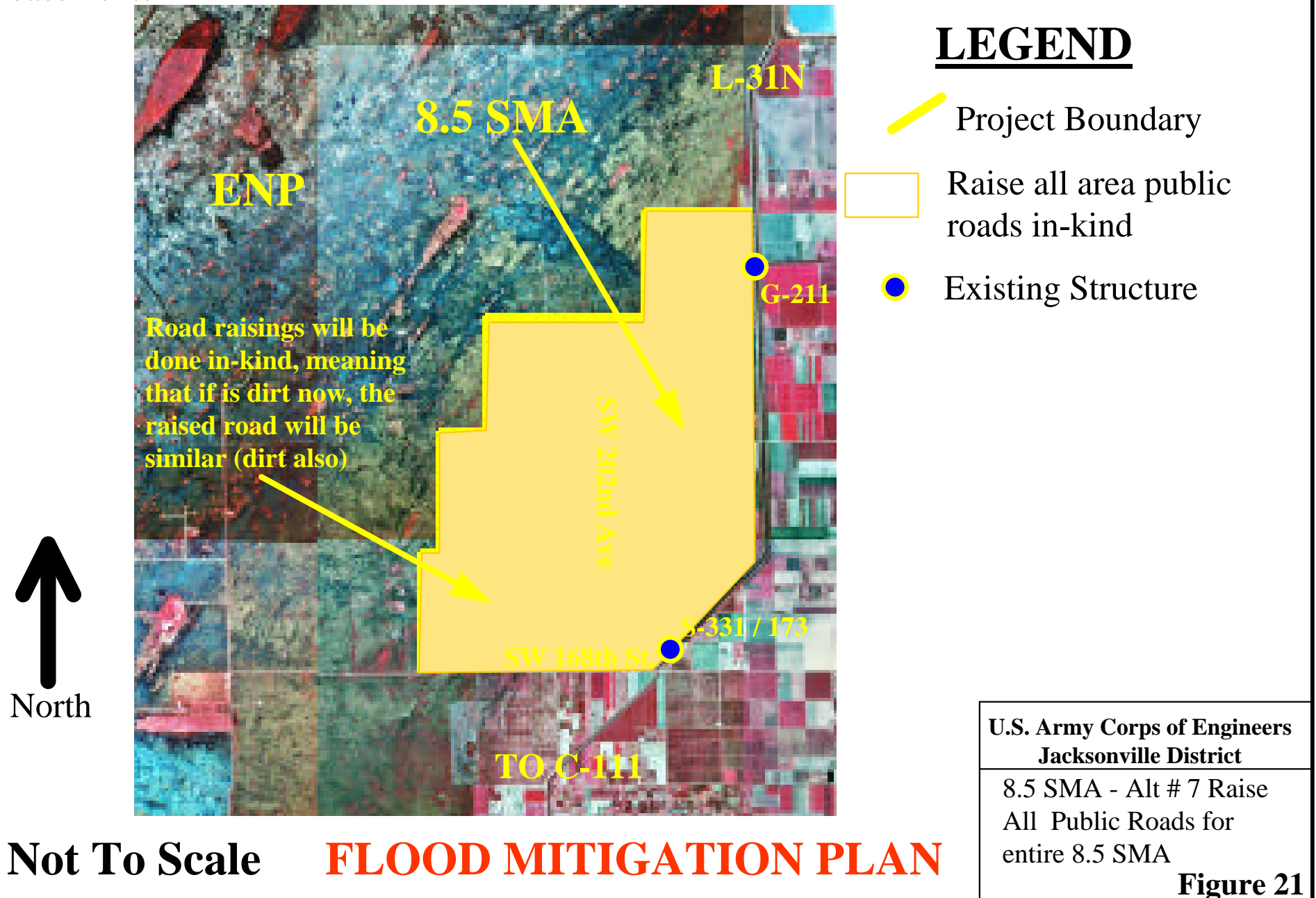
FLOOD PROTECTION PLAN

U.S. Army Corps of Engineers
Jacksonville District

8.5 SMA - Alt # 6 Raise
SW 202nd Ave and use
Buy-out Area as Buffer

Figure 20

Note: Interior Drainage/Seepage would be handled through flowage easements



Note: Levee heights and the width of the floodway will be determined during design

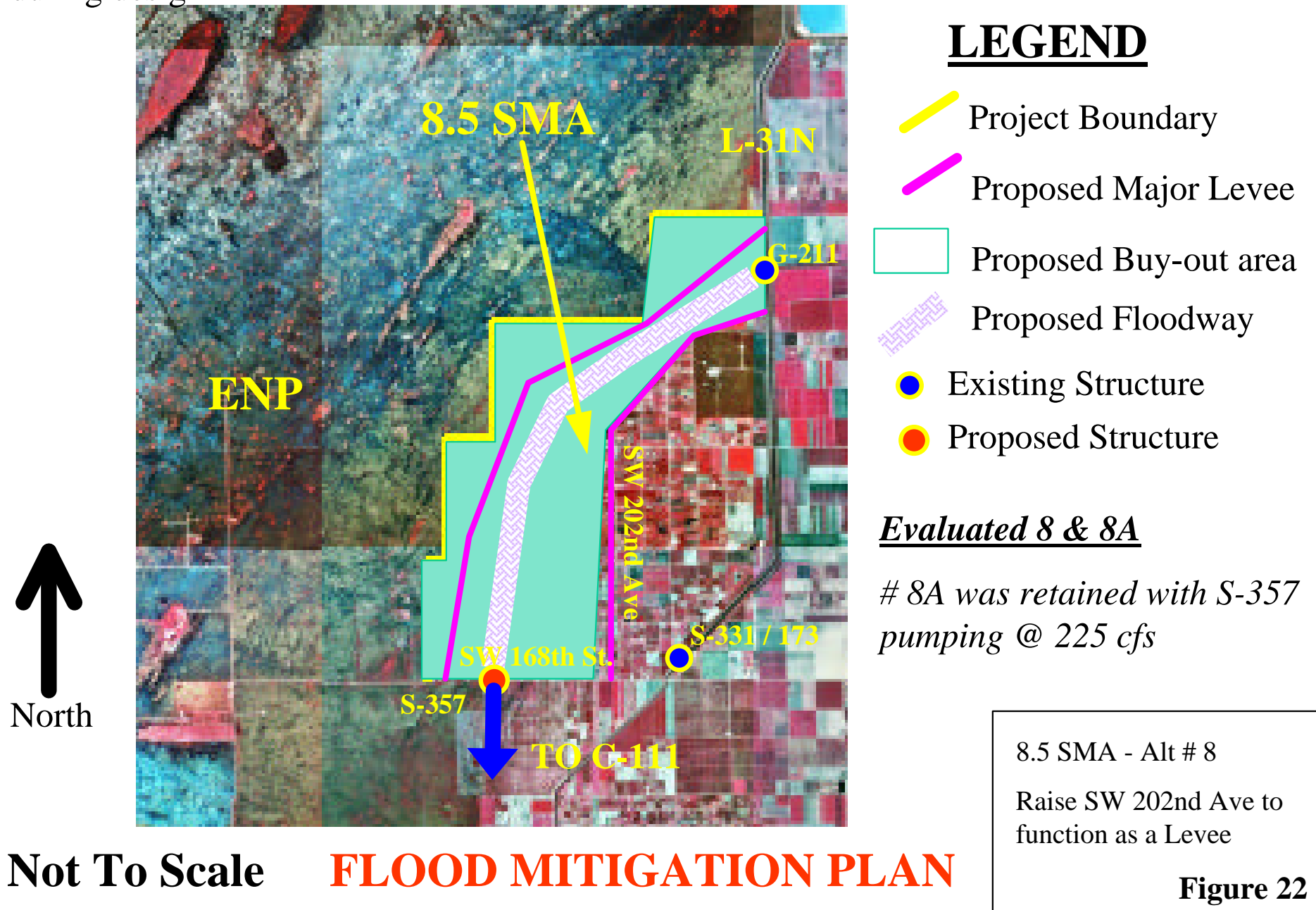
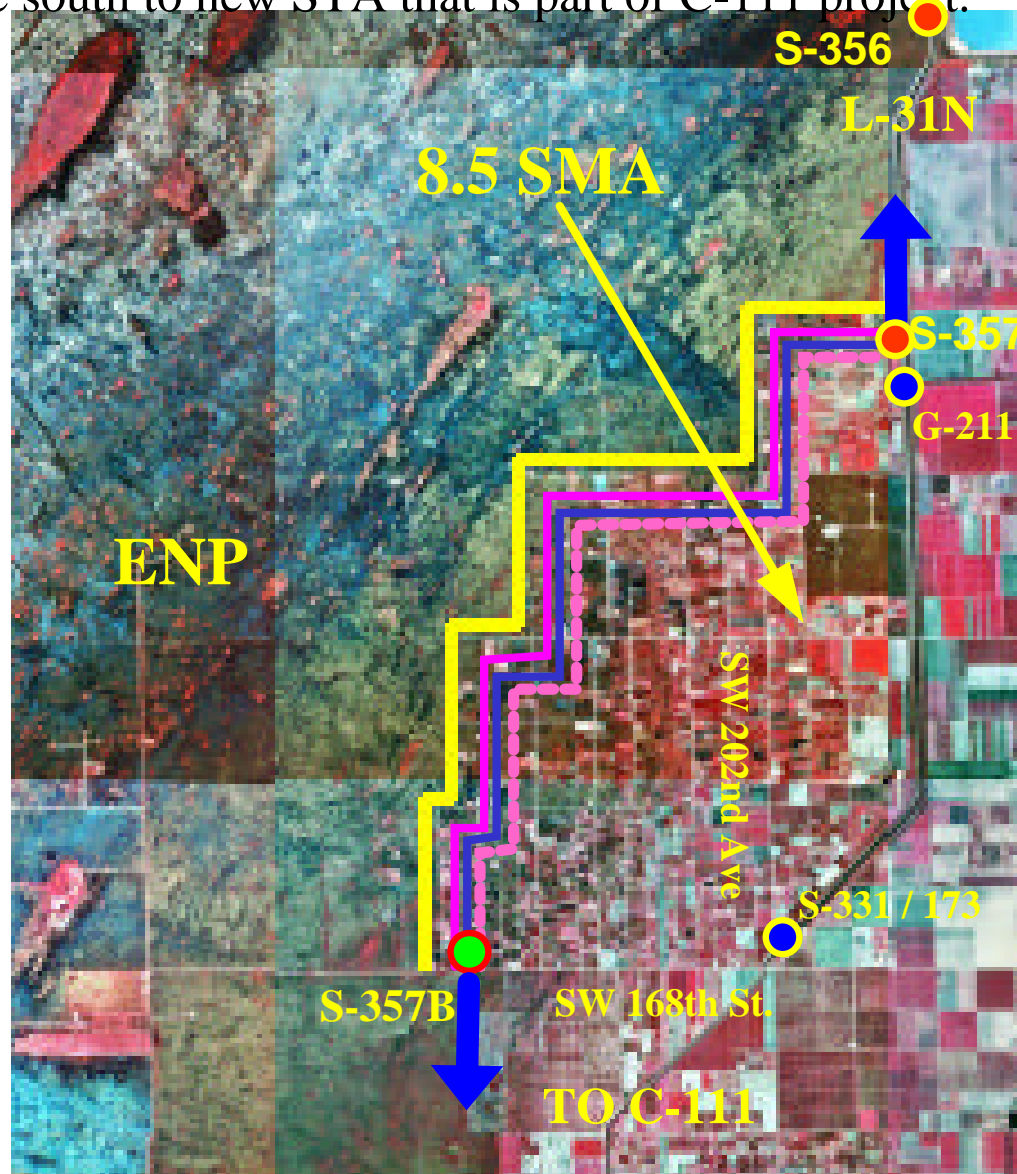









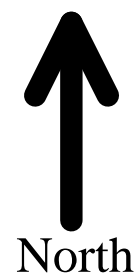
Figure 22

Note: Build Phase I first & discharge north; then build S-357B and discharge south to new STA that is part of C-111 project.



LEGEND

-  Project Boundary
-  Proposed Major Levee
-  Proposed Minor Levee
-  Proposed seepage canal
-  Existing Structure
-  Proposed Phase I Structure
-  Proposed Phase II Structure



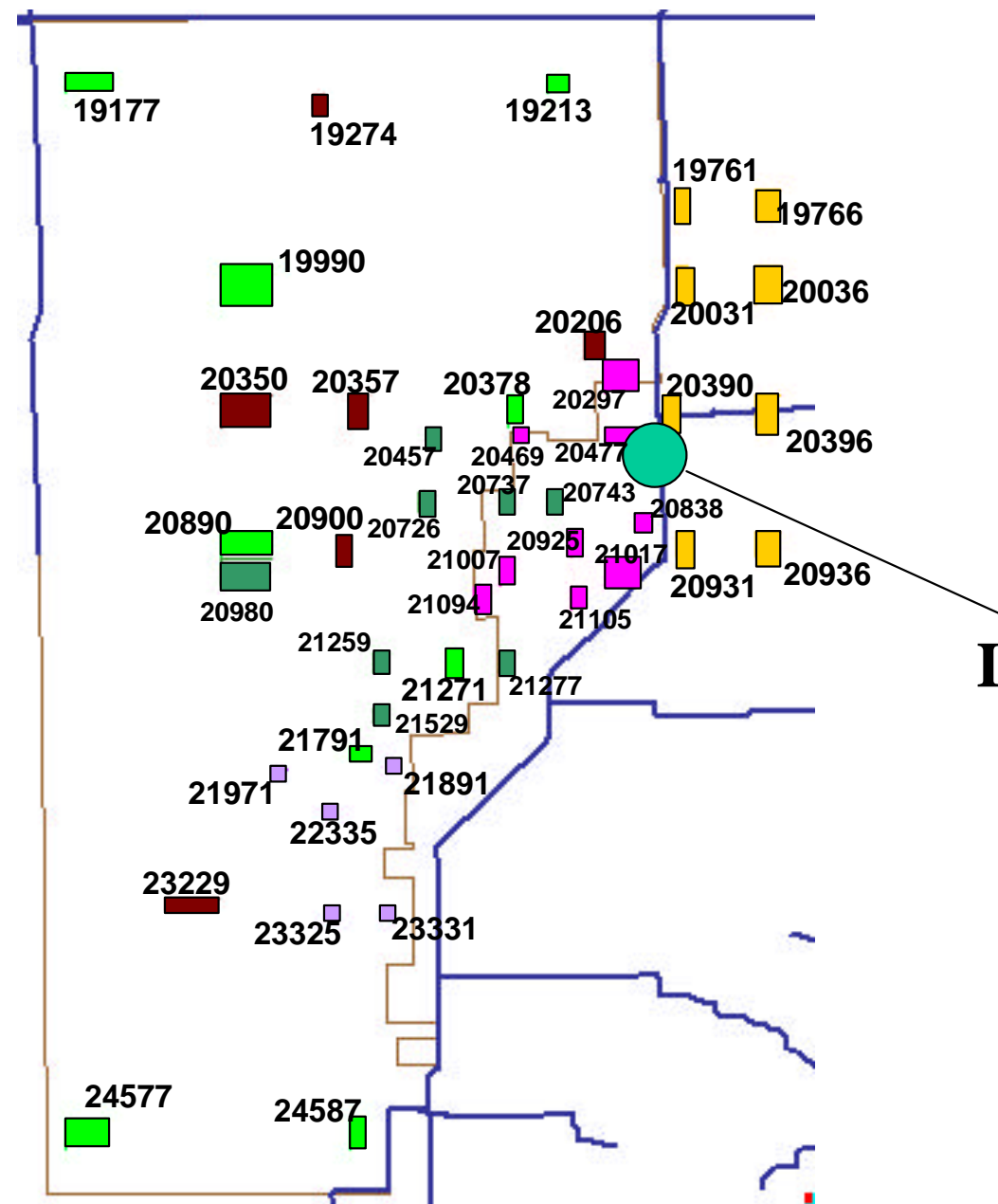
Not To Scale

FLOOD MITIGATION PLAN

U.S. Army Corps of Engineers
Jacksonville District

8.5 SMA - Alt # 9A Original
GDM Plan 1st then Phase in
Plan 2

Figure 23



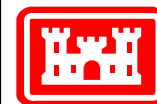
Legend for Cells

- ENP Indicator Cells
- AG Indicator Cells
- Misc Indicator Cells
- WRAP Indicator Cells
- 8.5 SMA Indicator Cells
- CSSS Indicator Cells

Location of 8.5 SMA



Not to Scale



Key SEIS
Modbranch Model
Indicator Cells

Figure 24

US Army Corps of Engineers
Jacksonville District

Note: Modbranch Model Layer 3 Cell Numbers

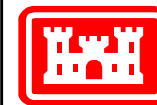
Legend for Evaluation Area



ENP Northeast Shark
River Slough Area
(NESRS) and
8.5 SMA



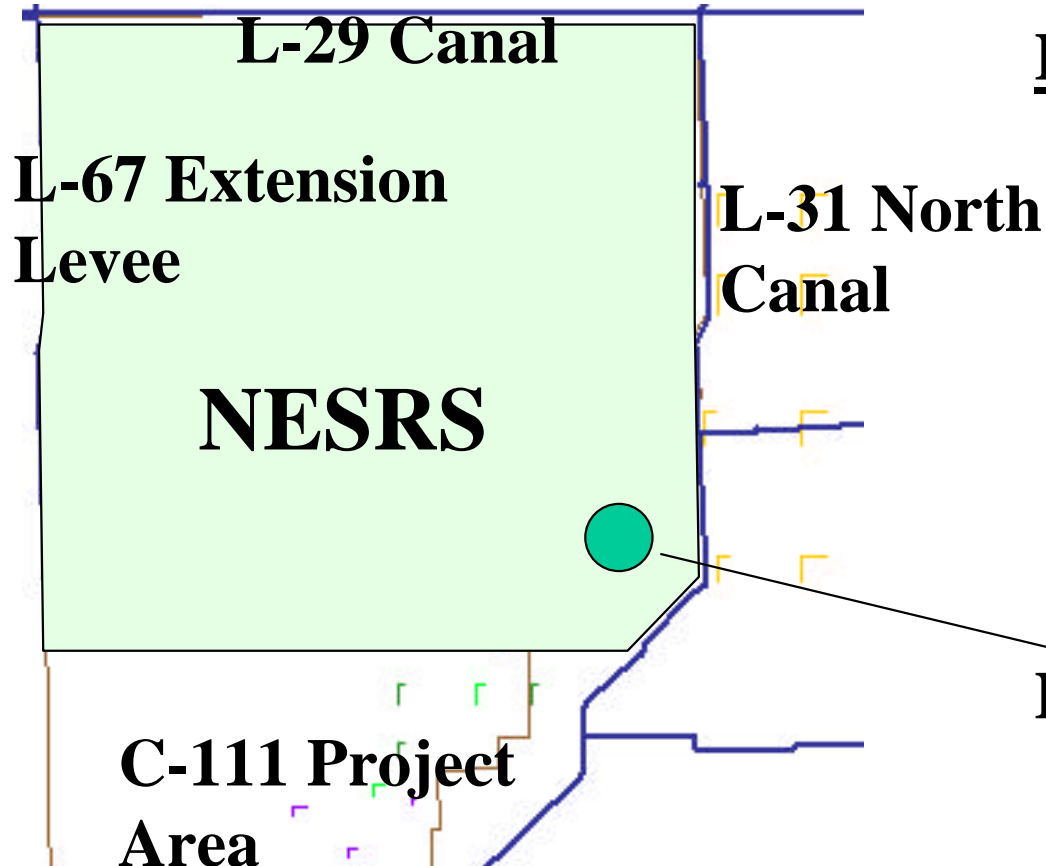
Not to Scale

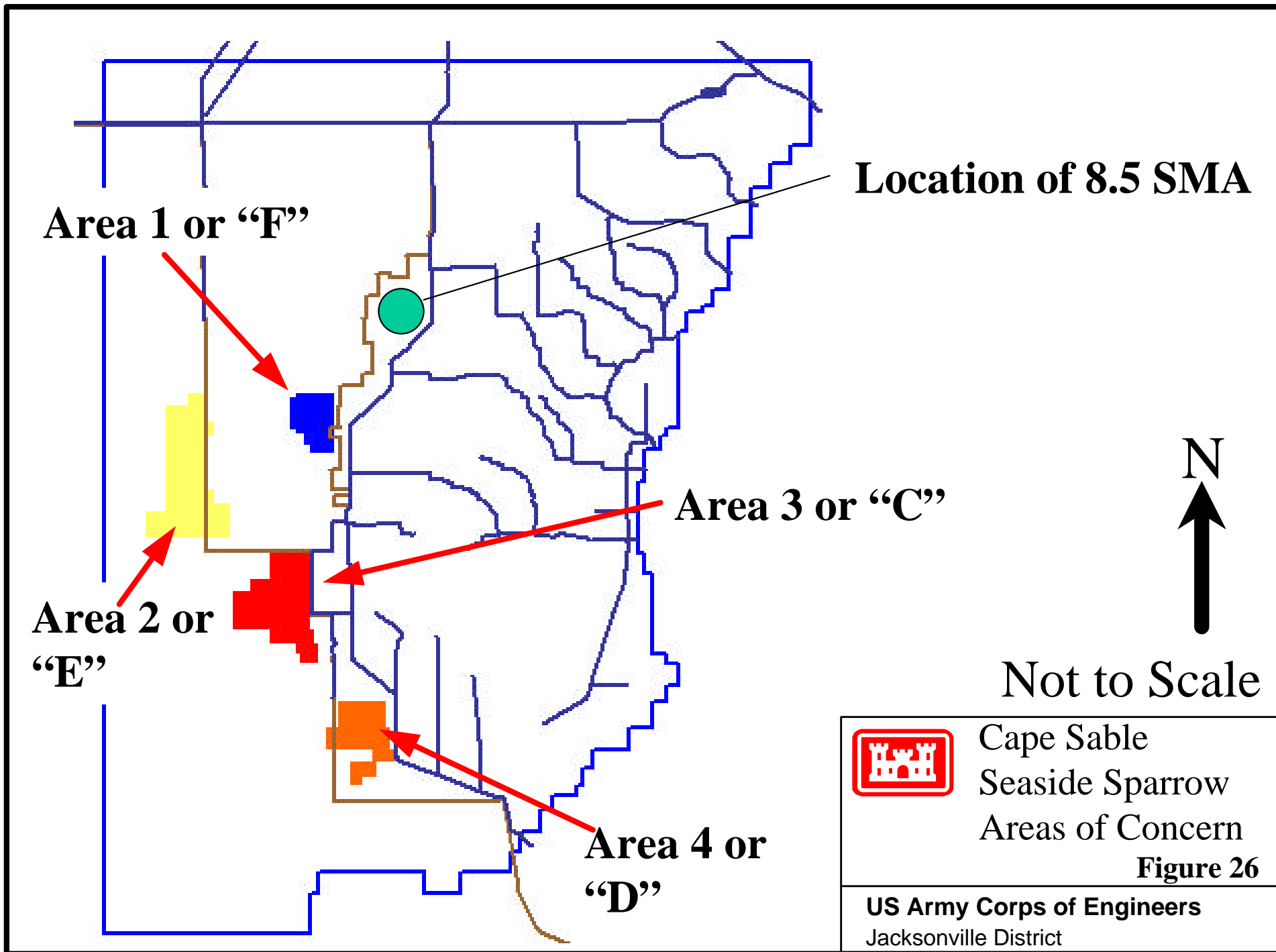


Extent of Performance
Measure Evaluation
Area

Figure 25

US Army Corps of Engineers
Jacksonville District





Location of 8.5 SMA

Area 1 or "F"

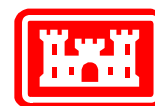
Area 3 or "C"

**Area 2 or
"E"**

**Area 4 or
"D"**



Not to Scale

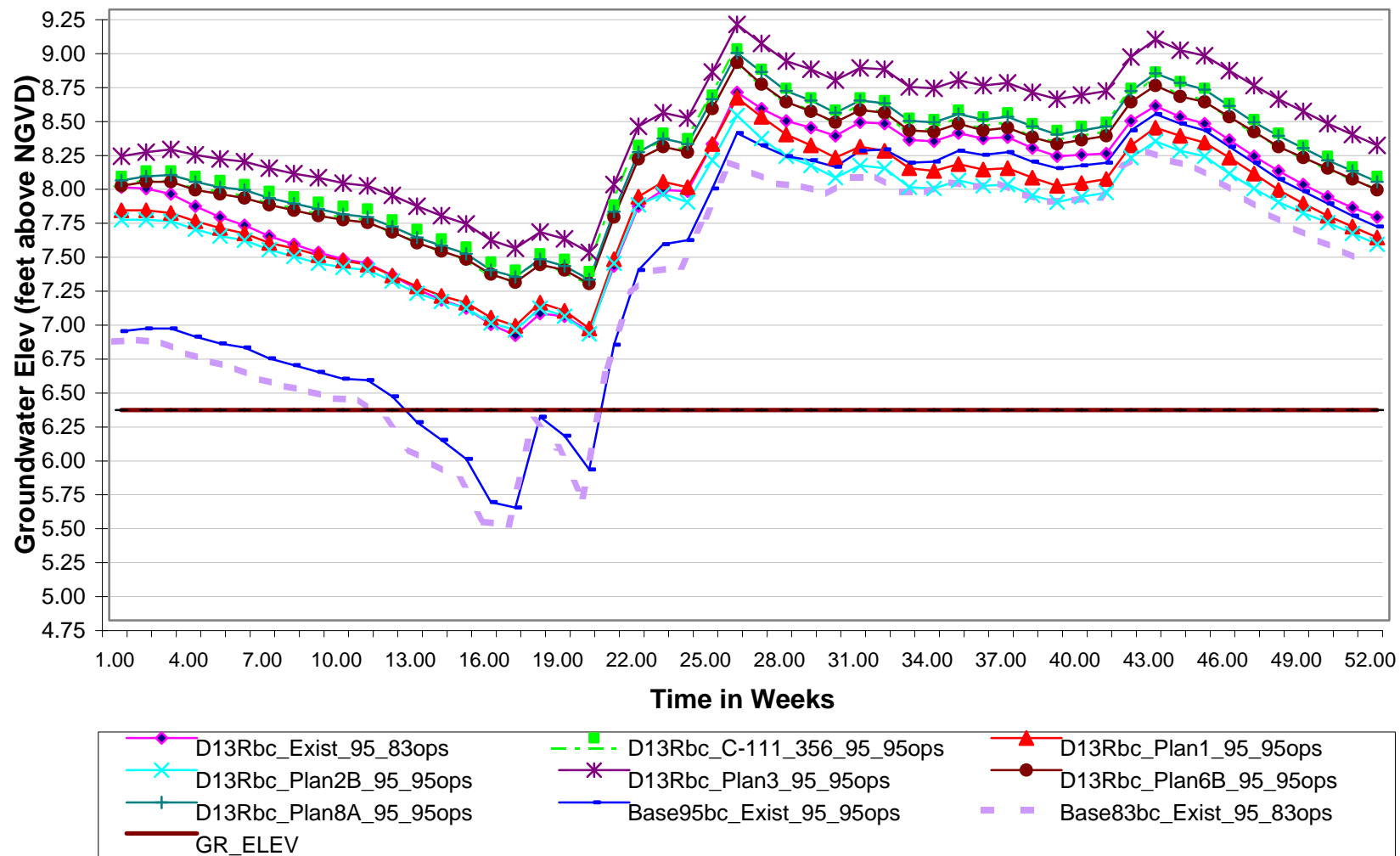


**Cape Sable
Seaside Sparrow
Areas of Concern**

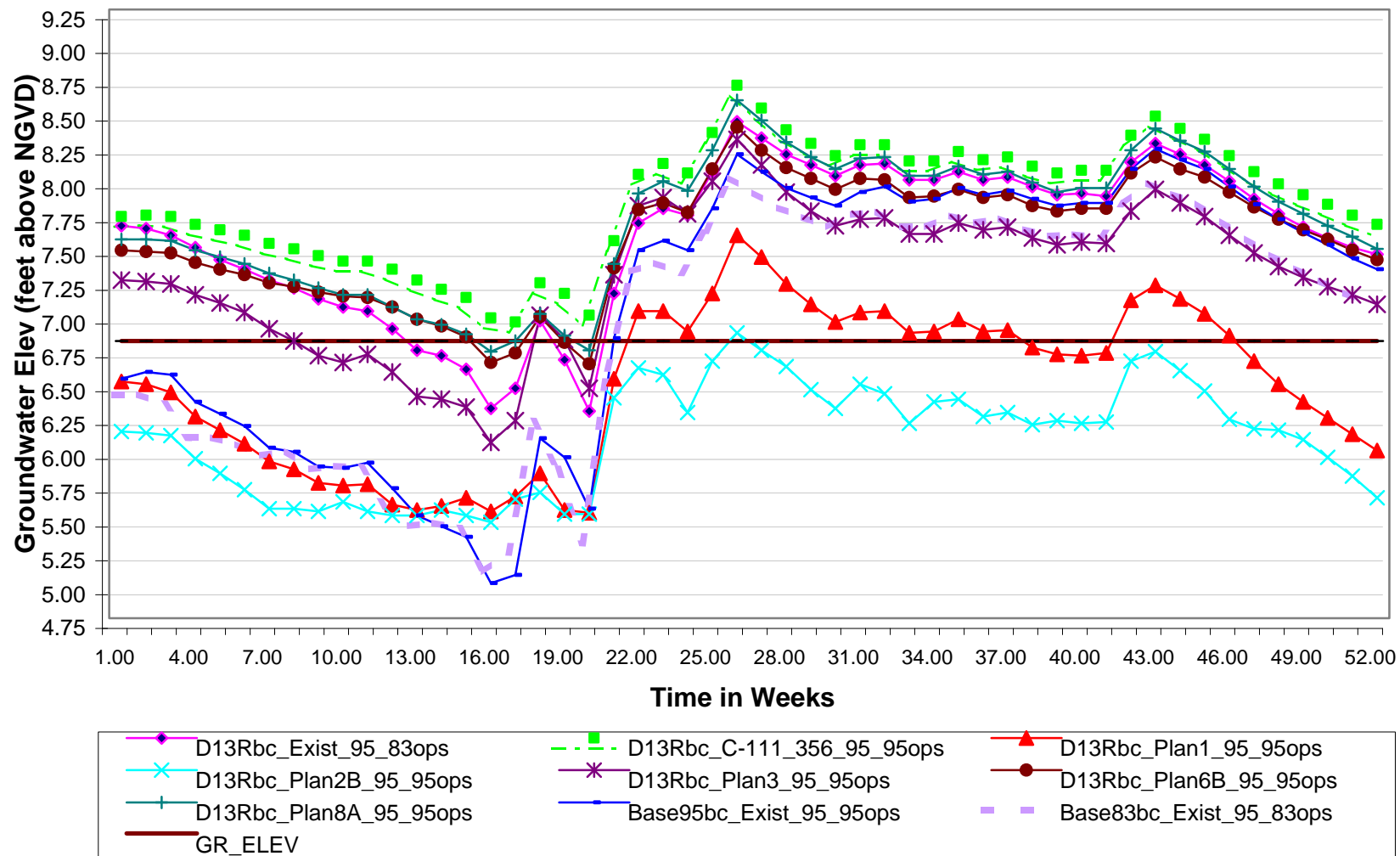
Figure 26

**US Army Corps of Engineers
Jacksonville District**

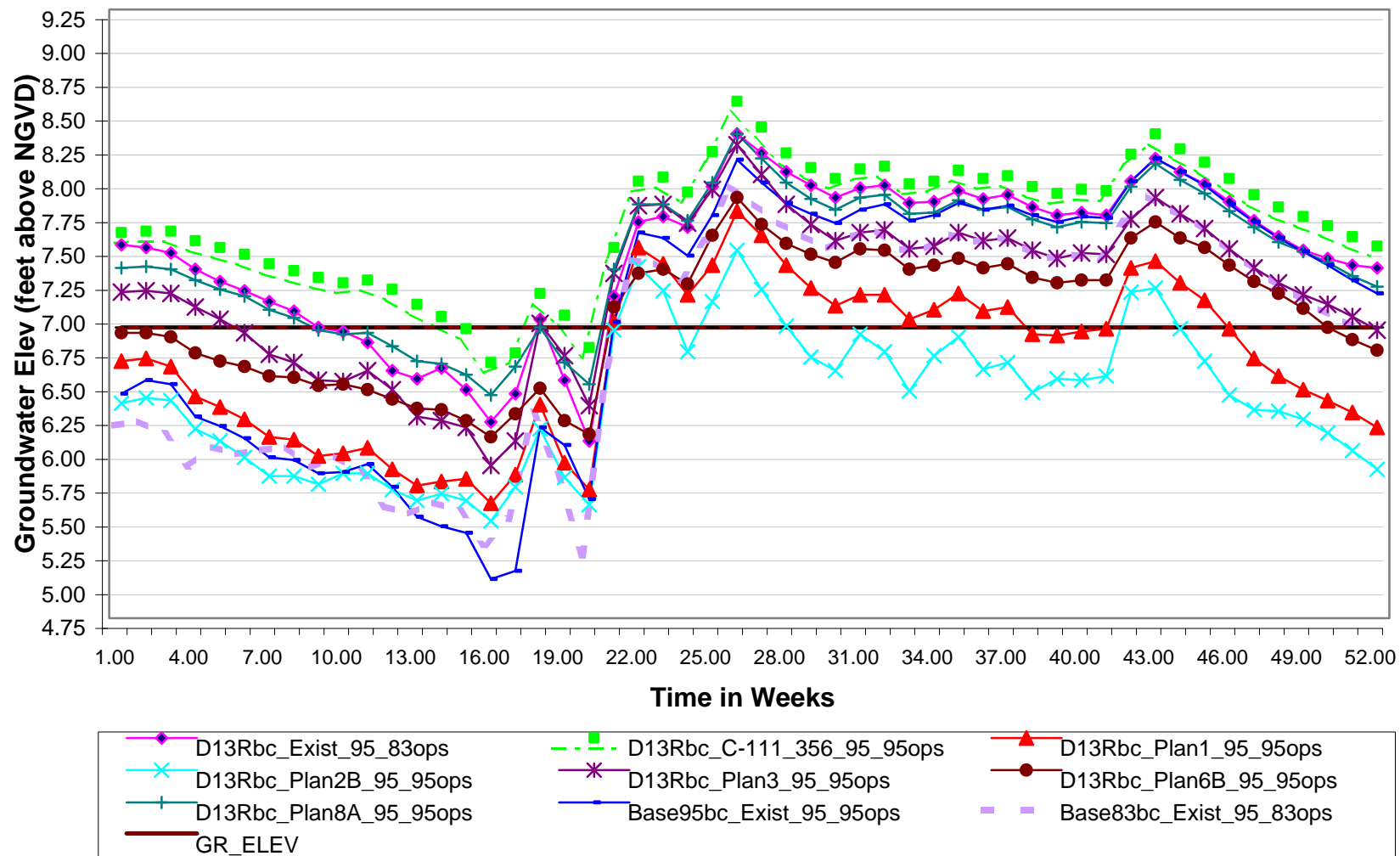
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20457 FIGURE 27**



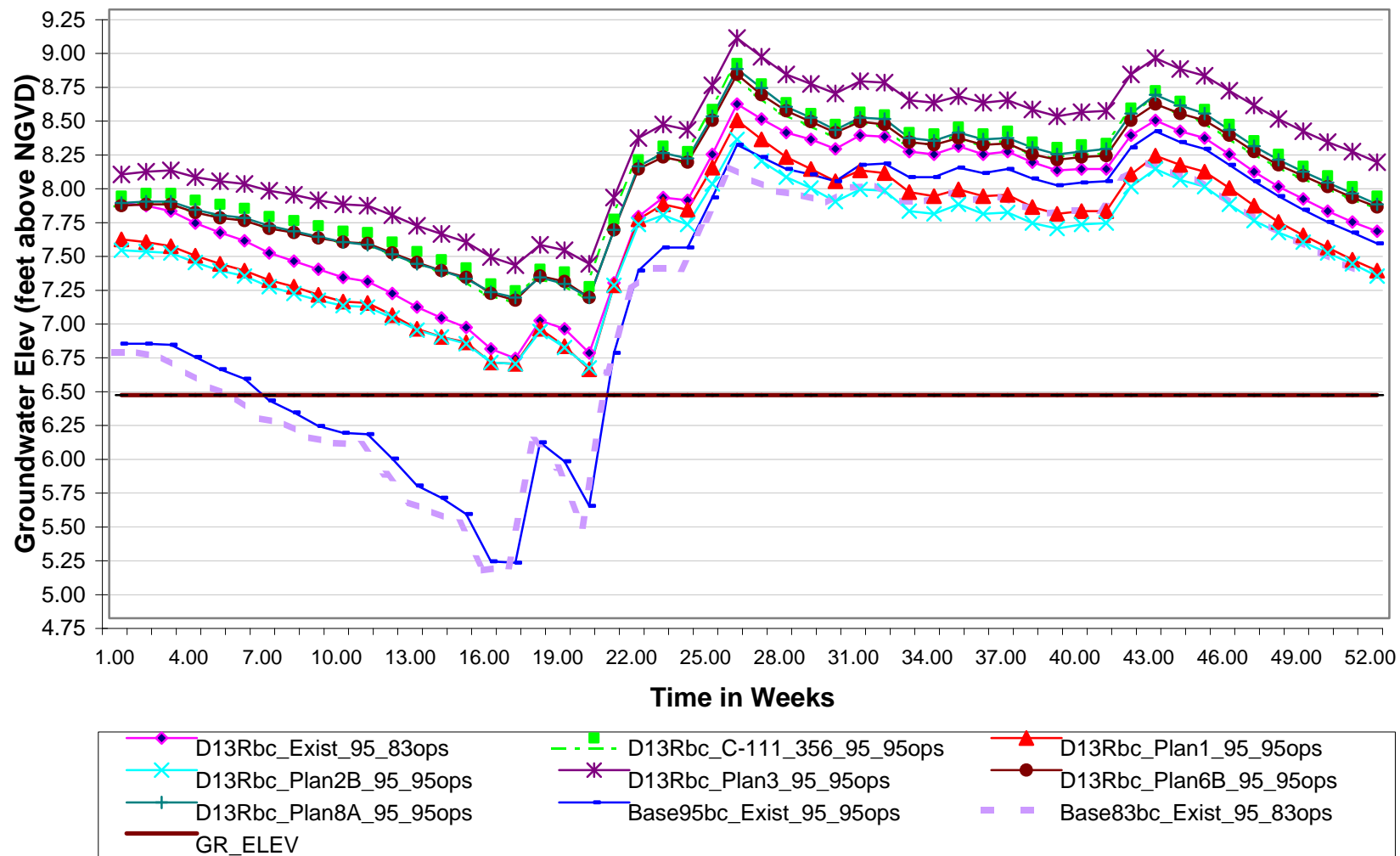
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20737 FIGURE 28**



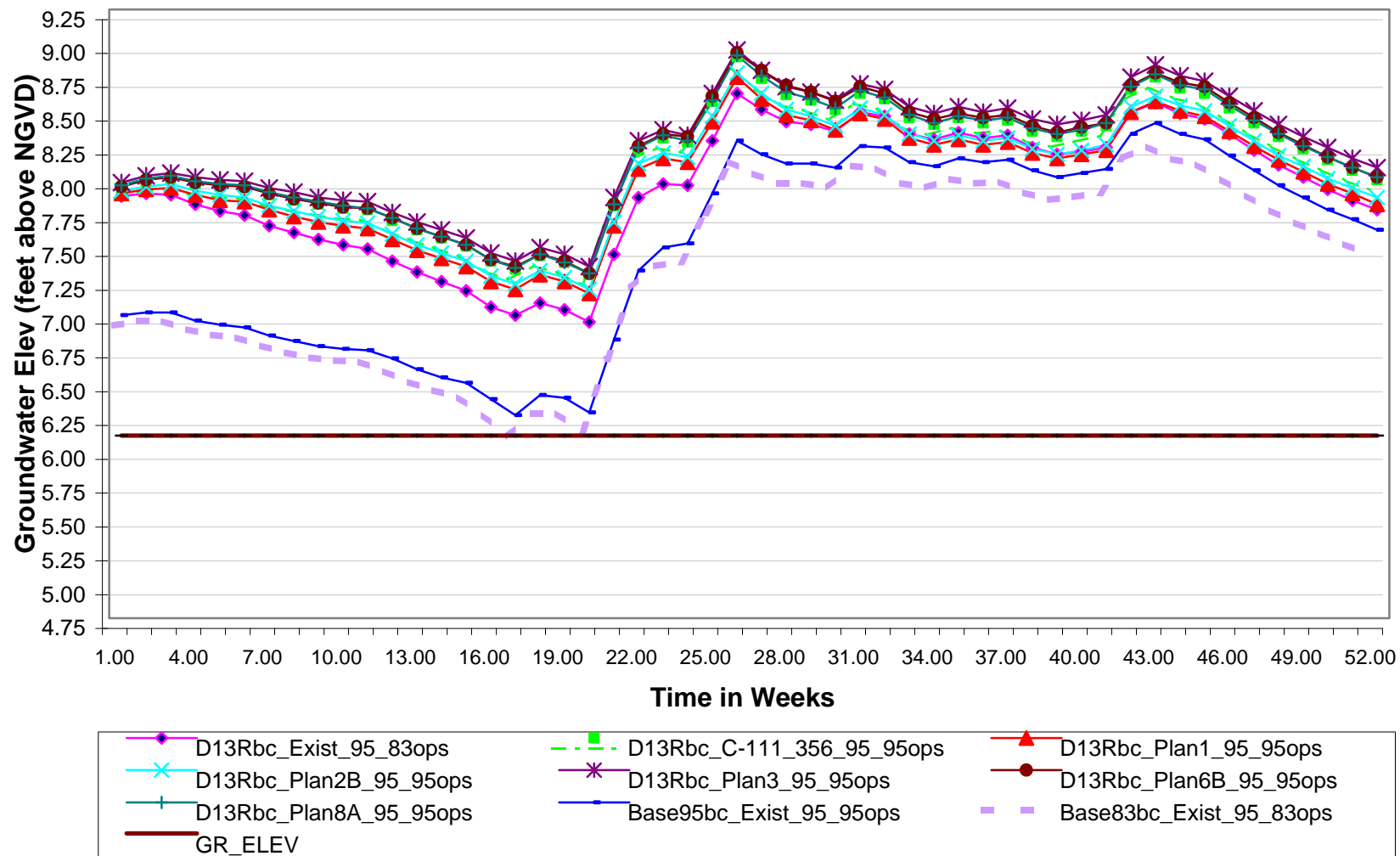
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20743 FIGURE 29**



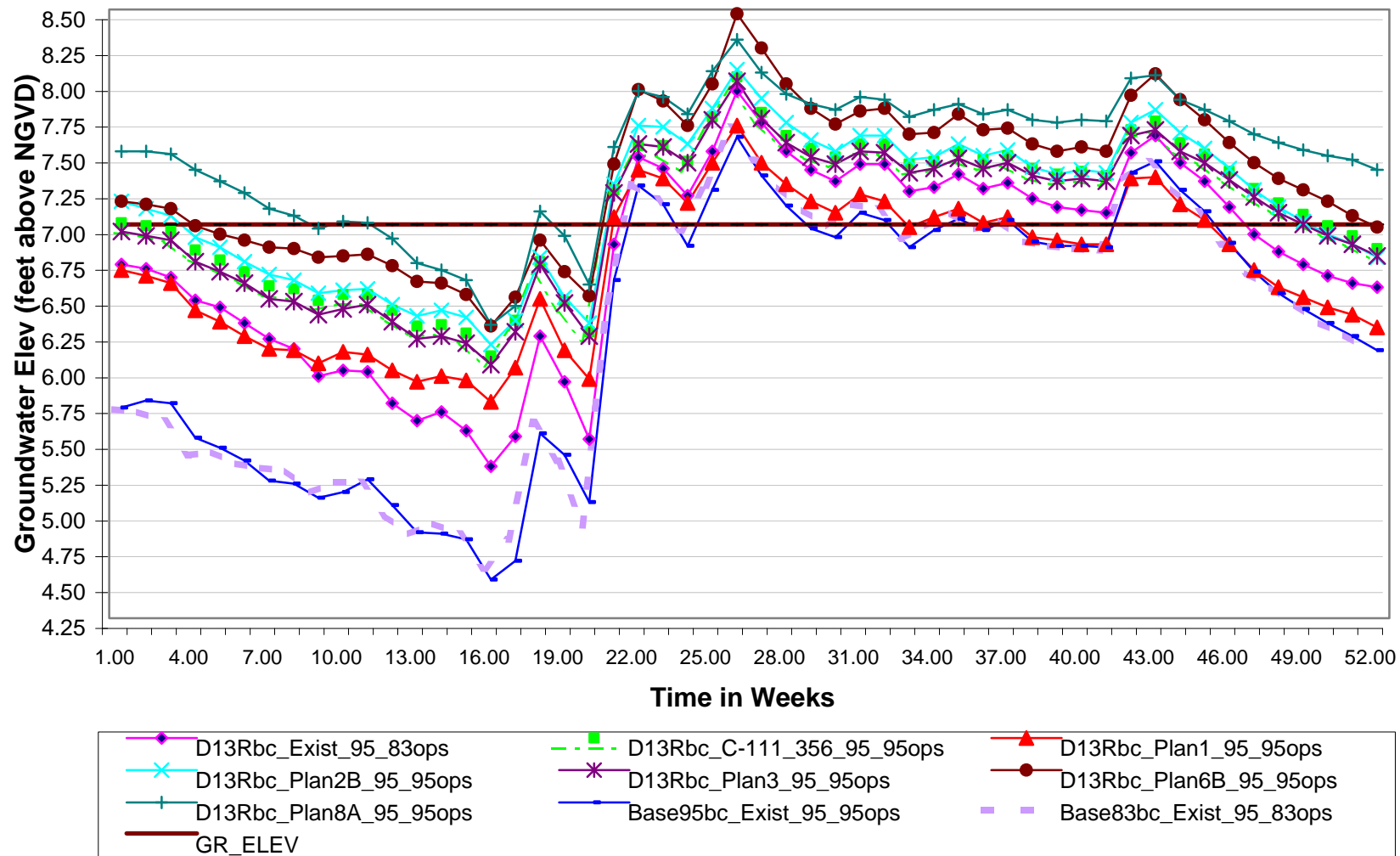
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20726 FIGURE 30**



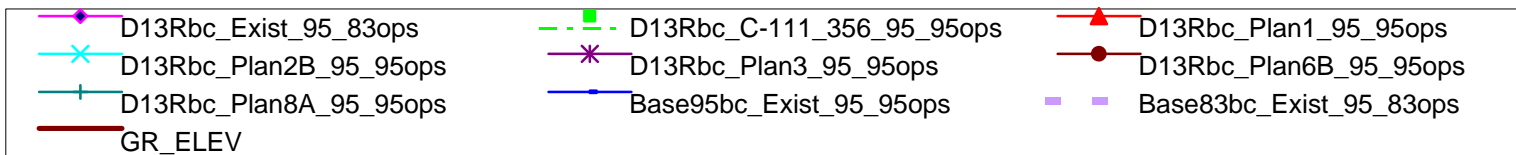
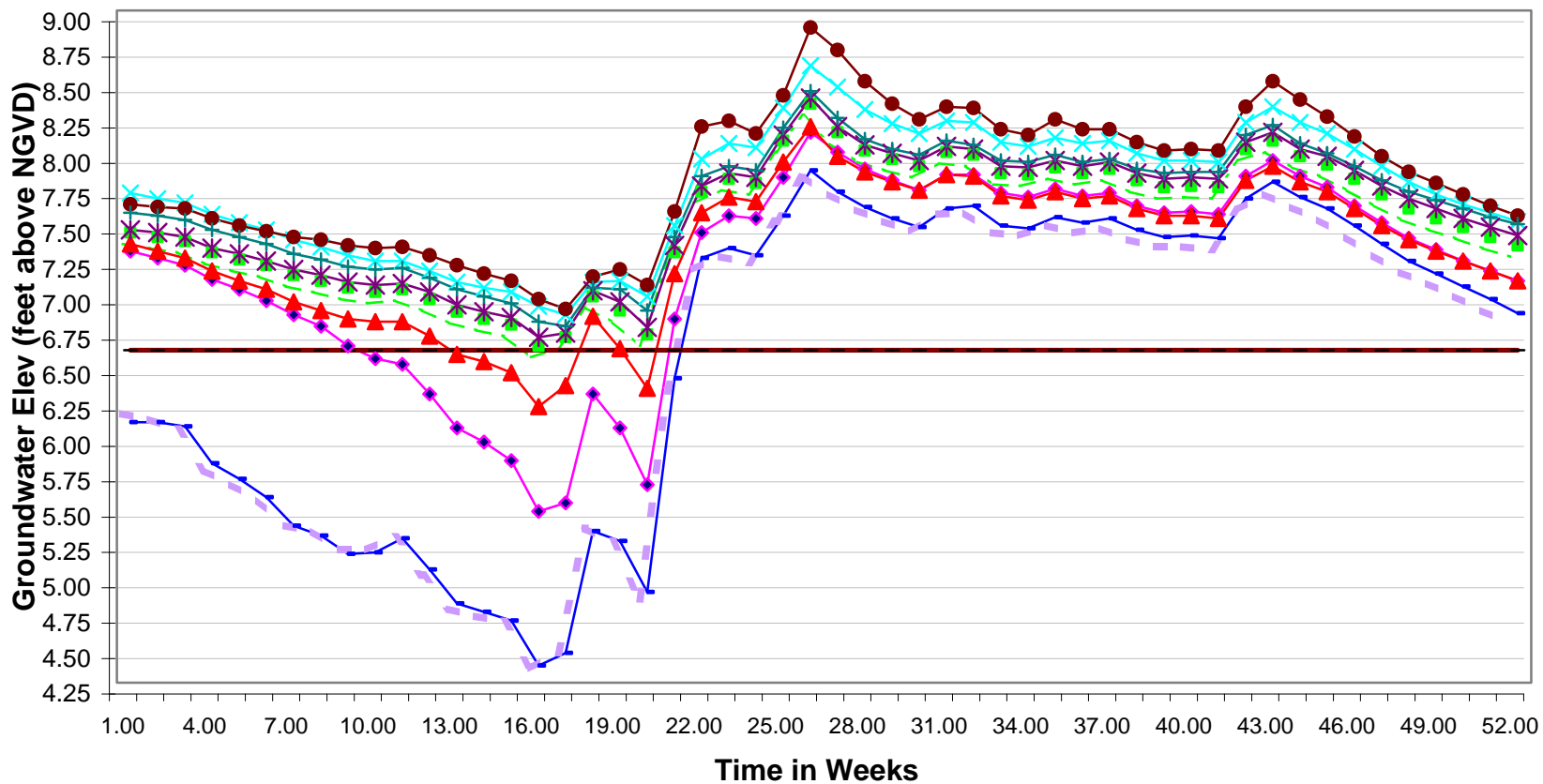
Model Hydrographs from Weekly Average Groundwater Stage at Cell 20980 FIGURE 31



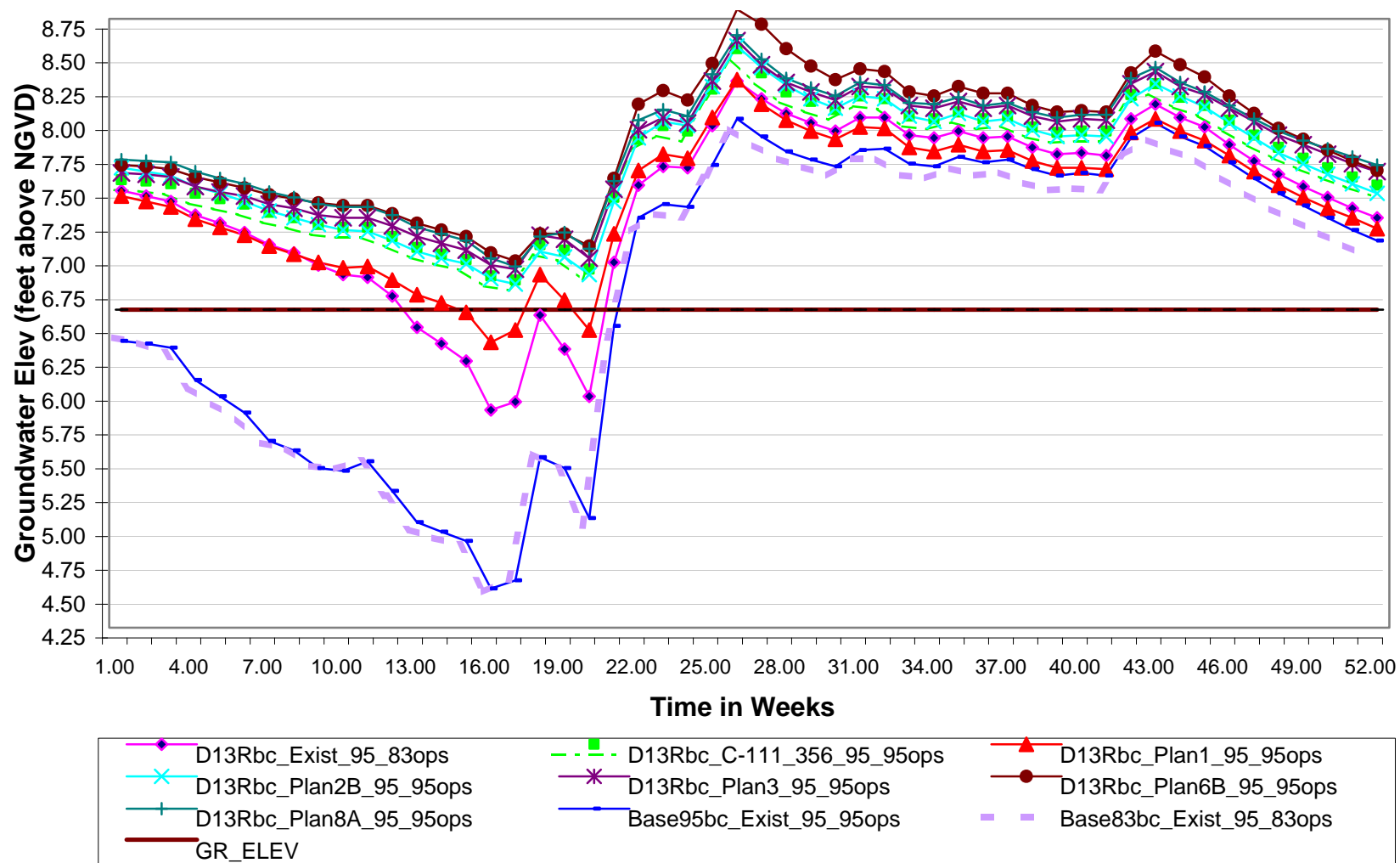
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21277 FIGURE 32**



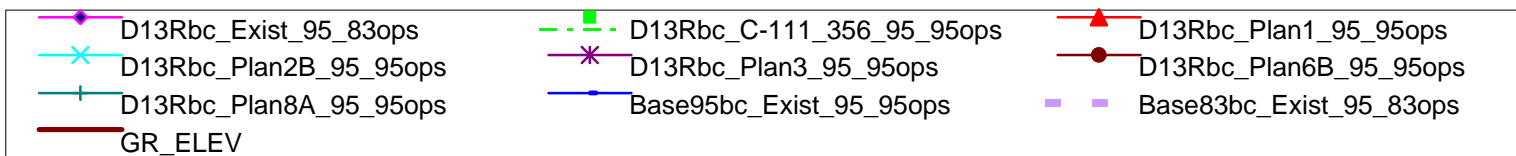
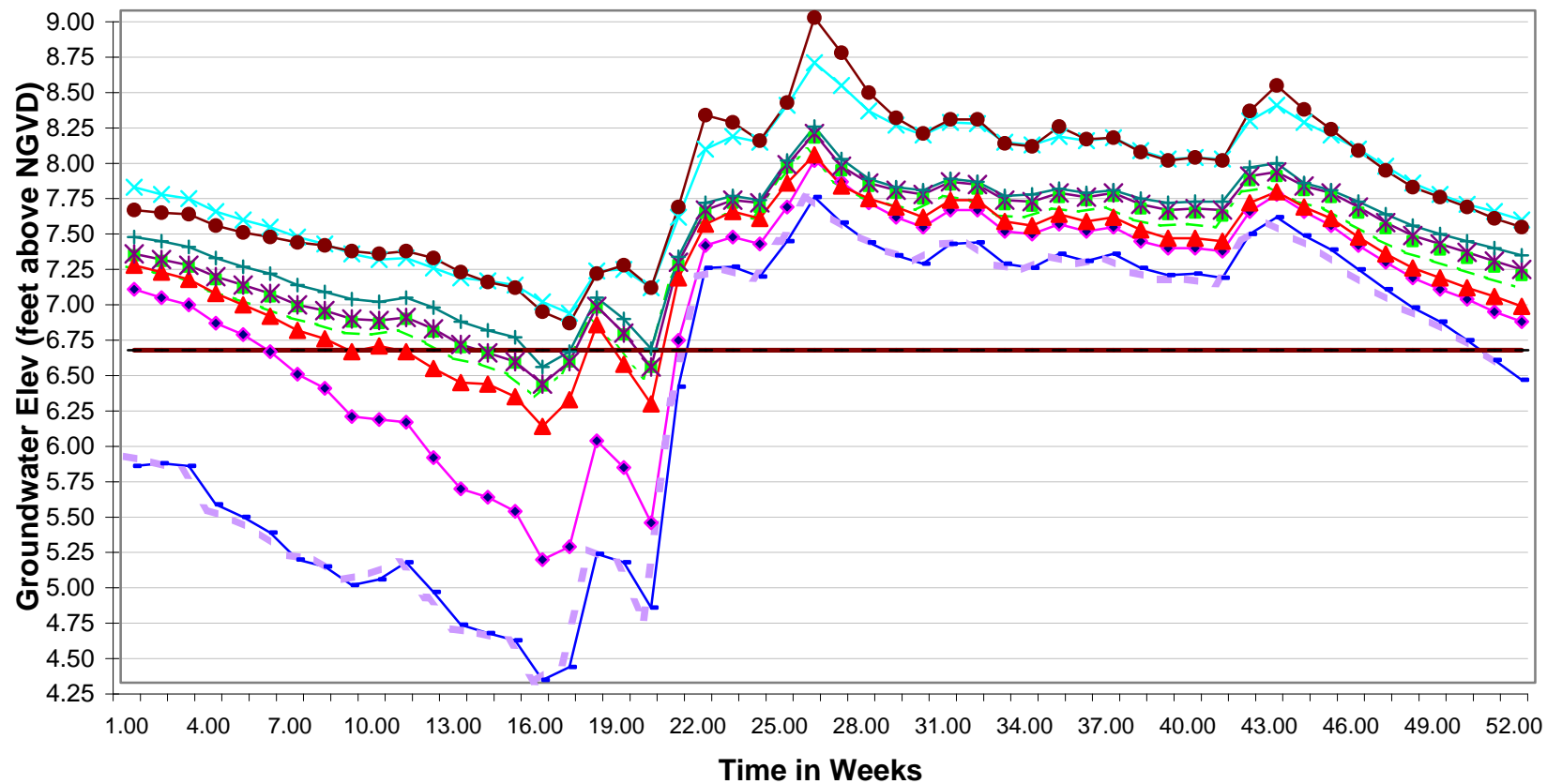
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21529 FIGURE 33**



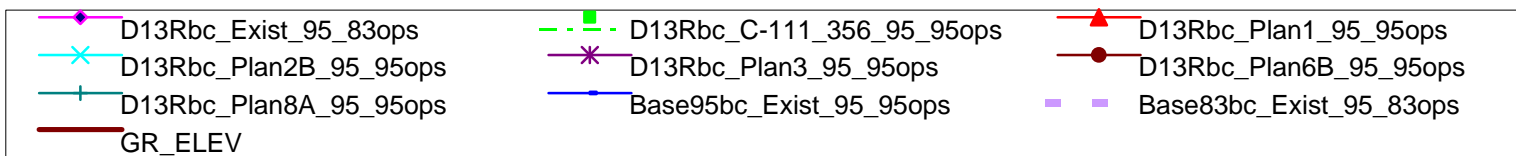
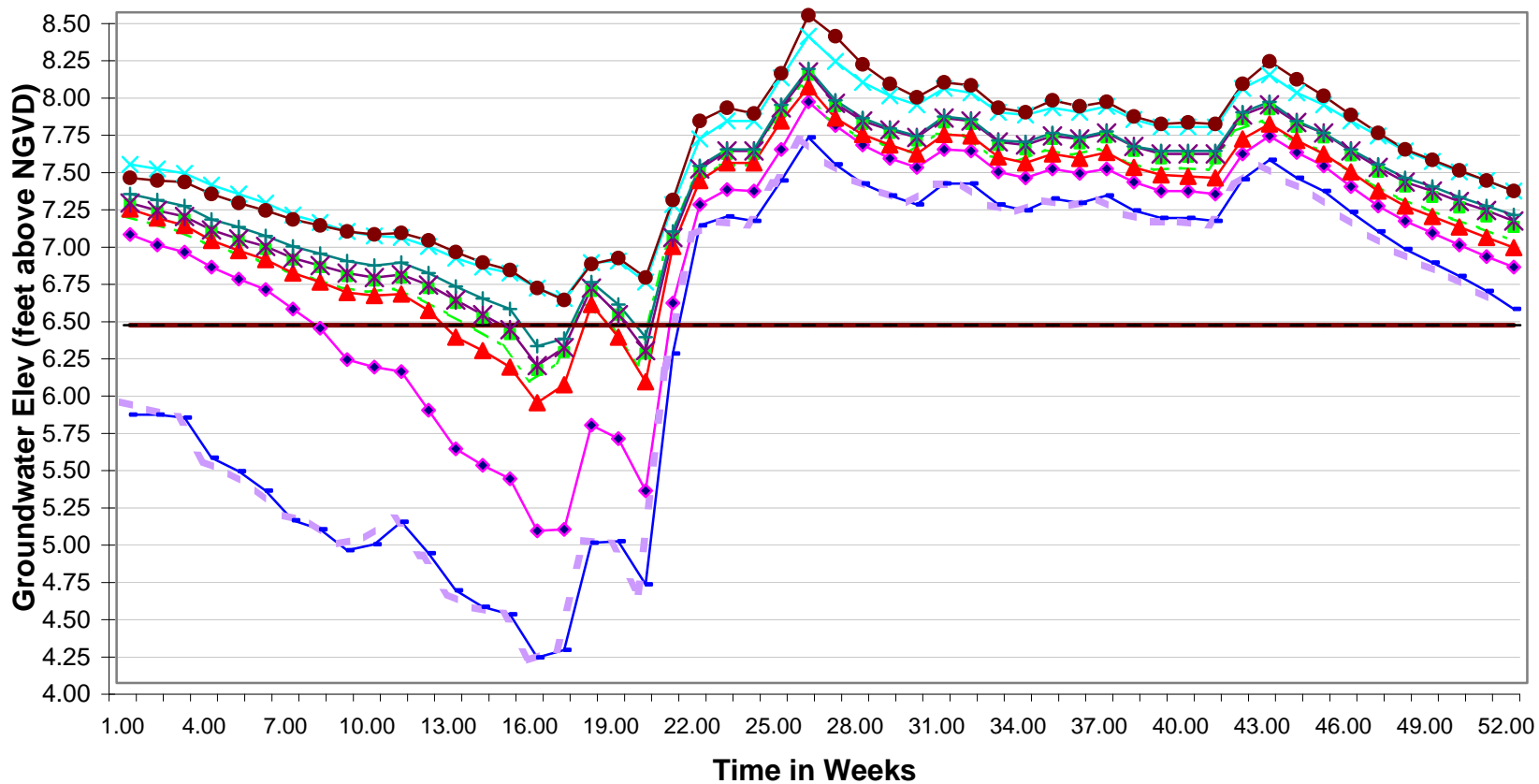
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21259 FIGURE 34**



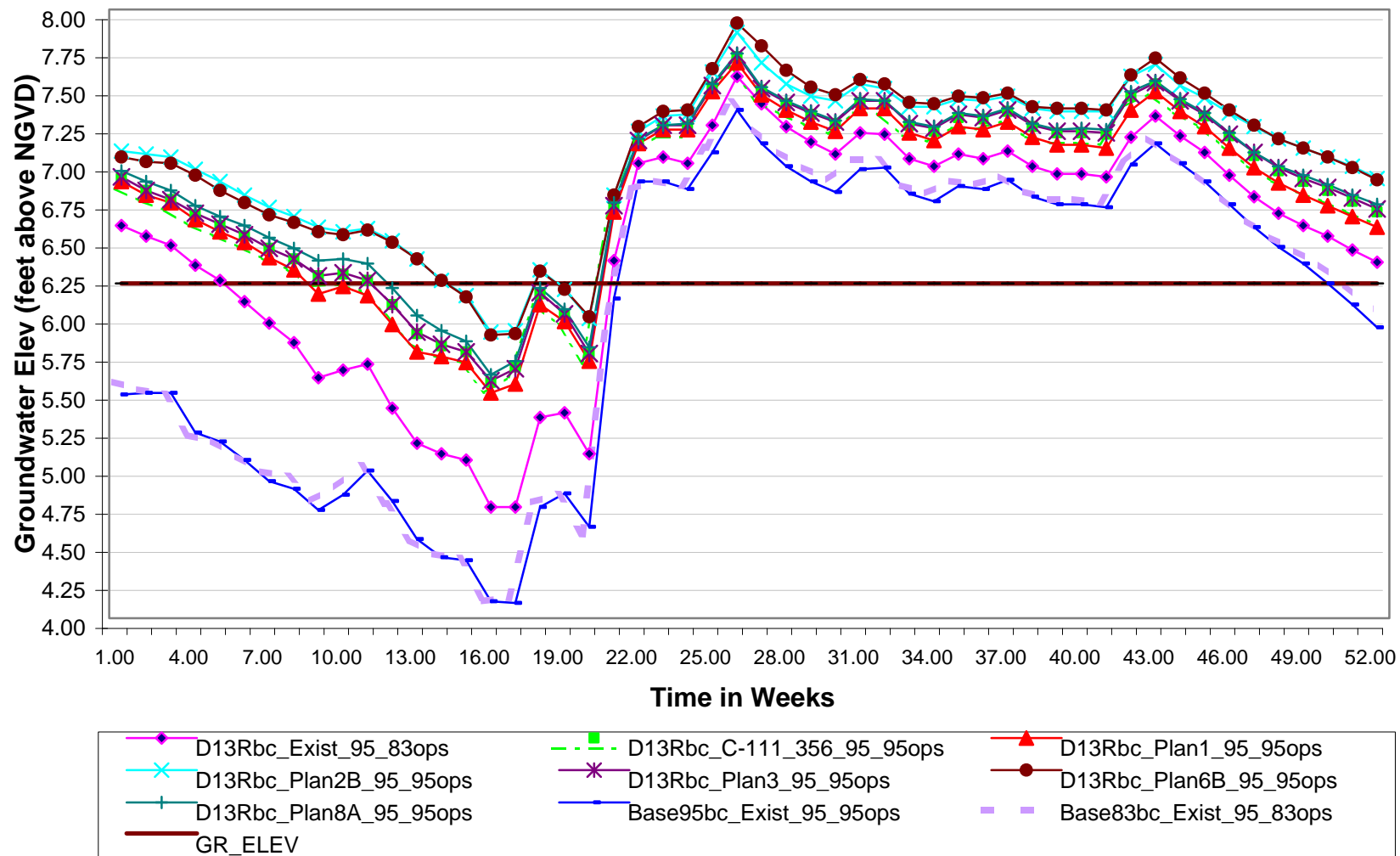
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21891 FIGURE 35**



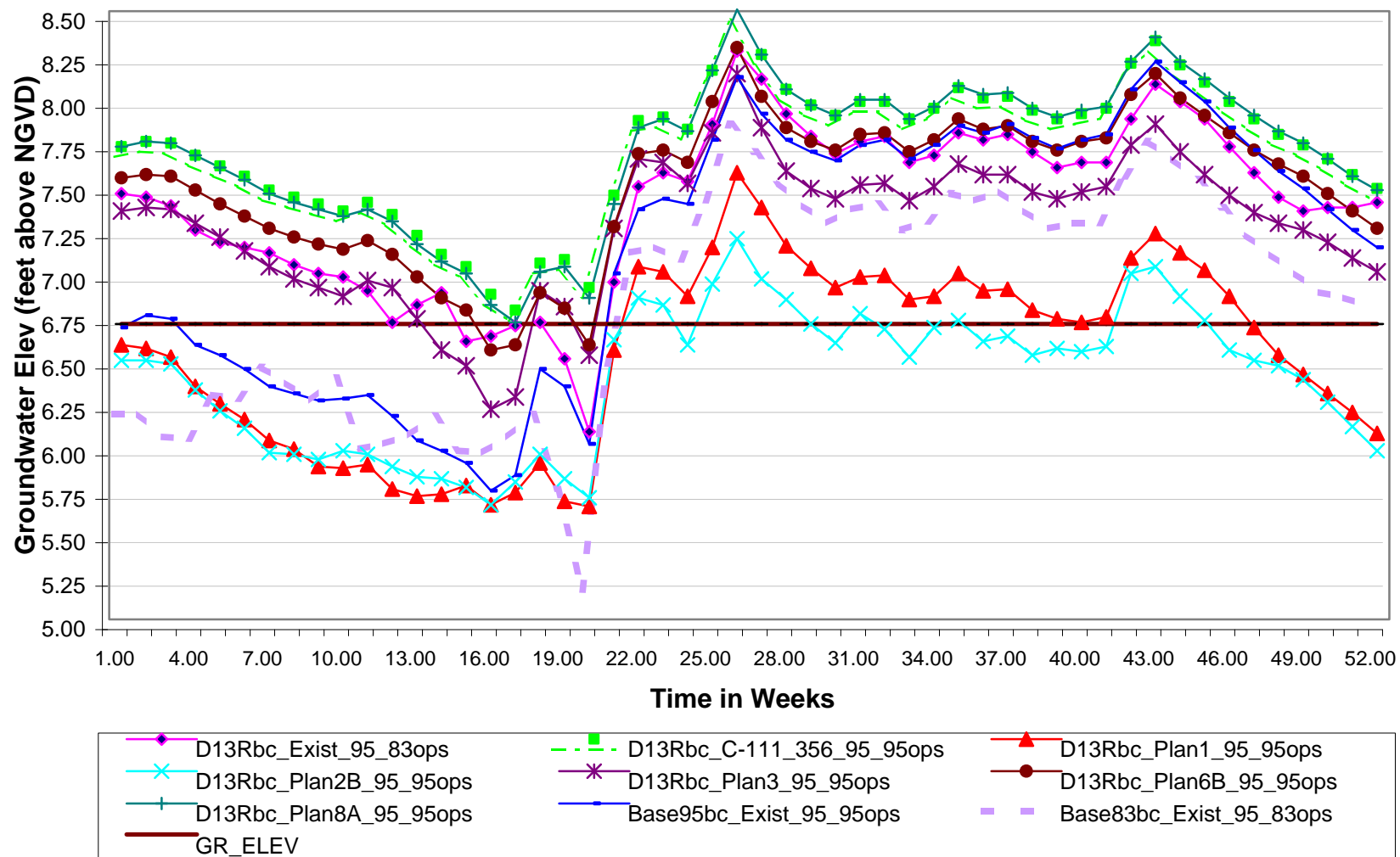
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
22335 FIGURE 36**



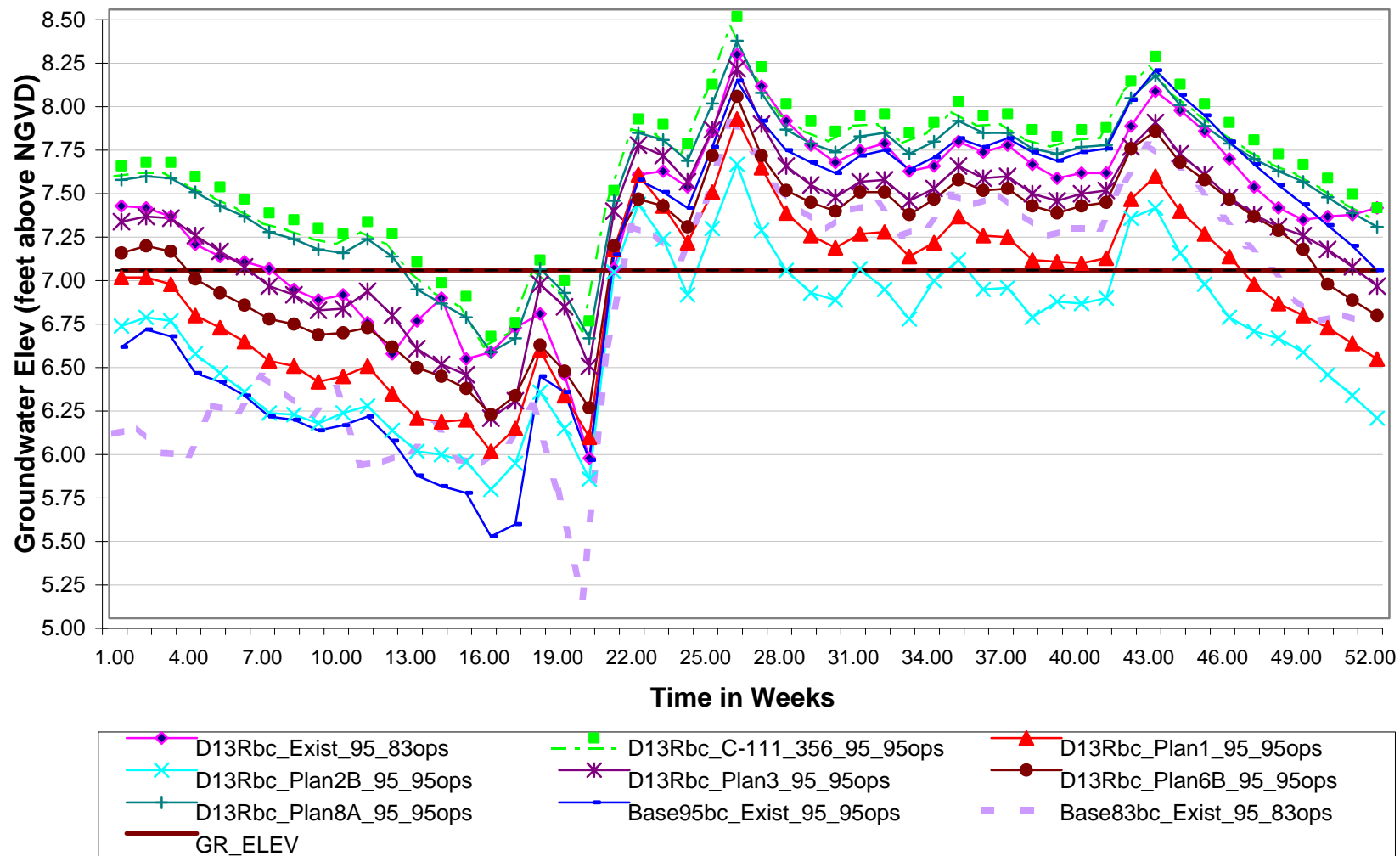
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
22325 FIGURE 37**



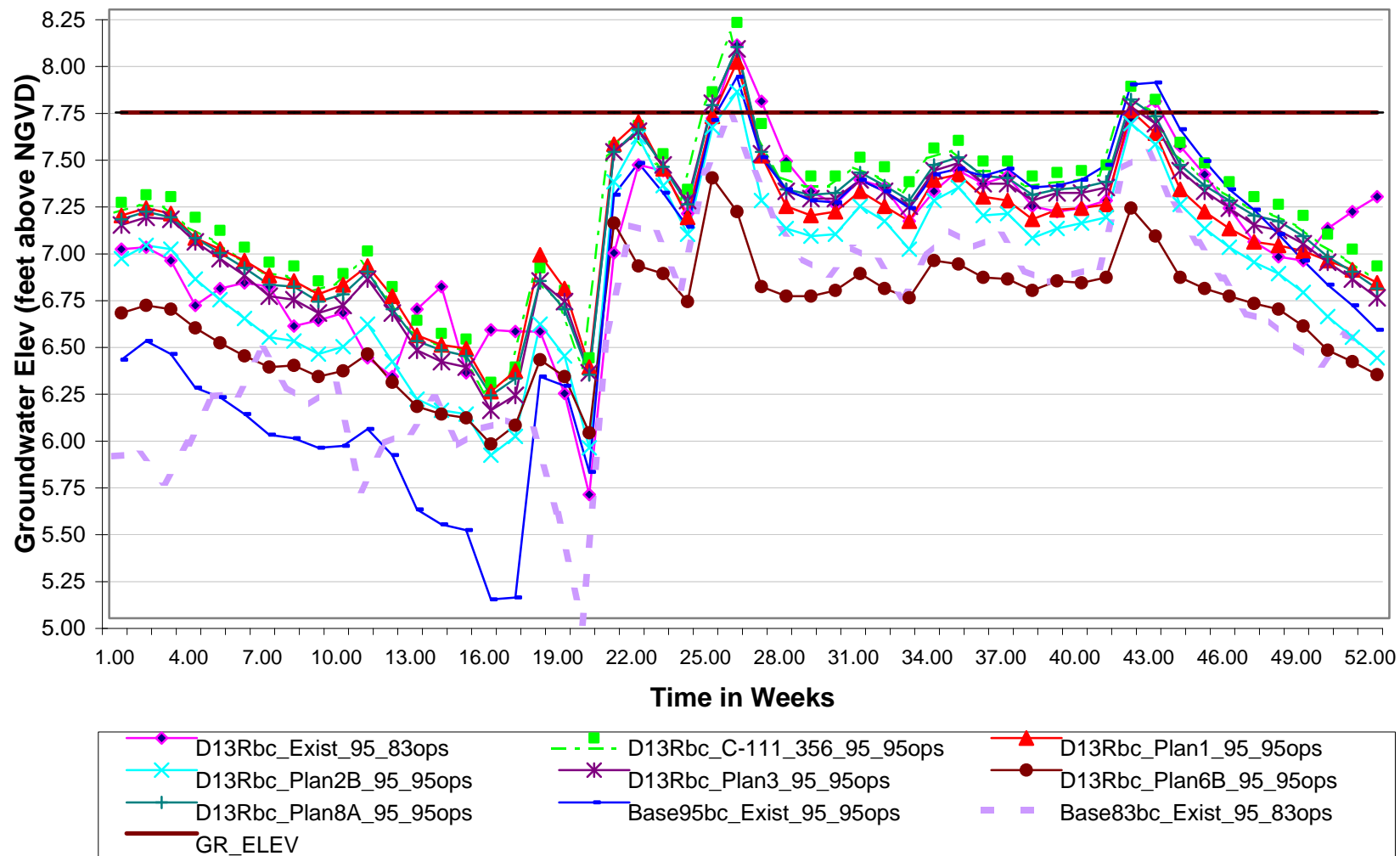
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20297 FIGURE 38**



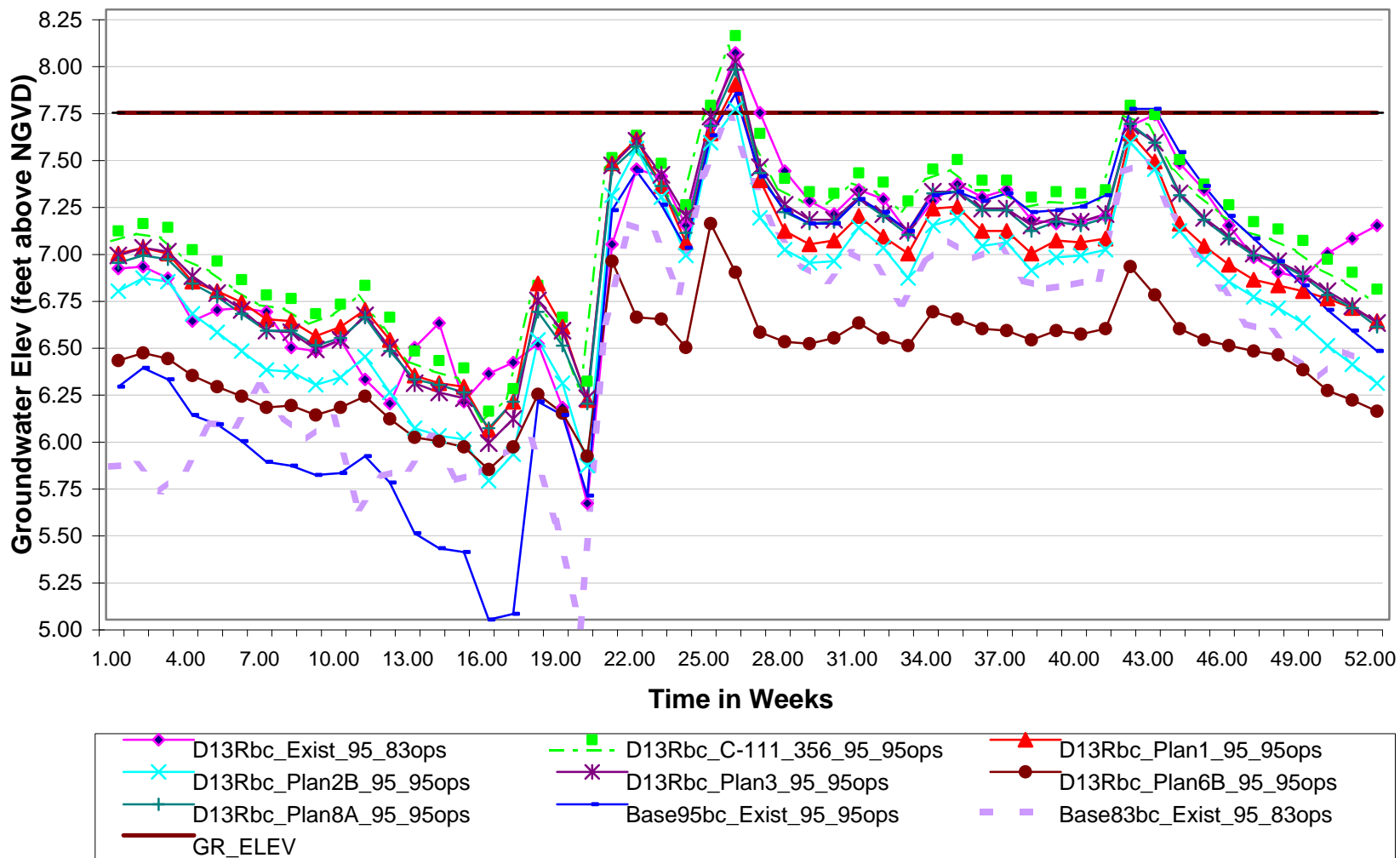
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20477 FIGURE 39**



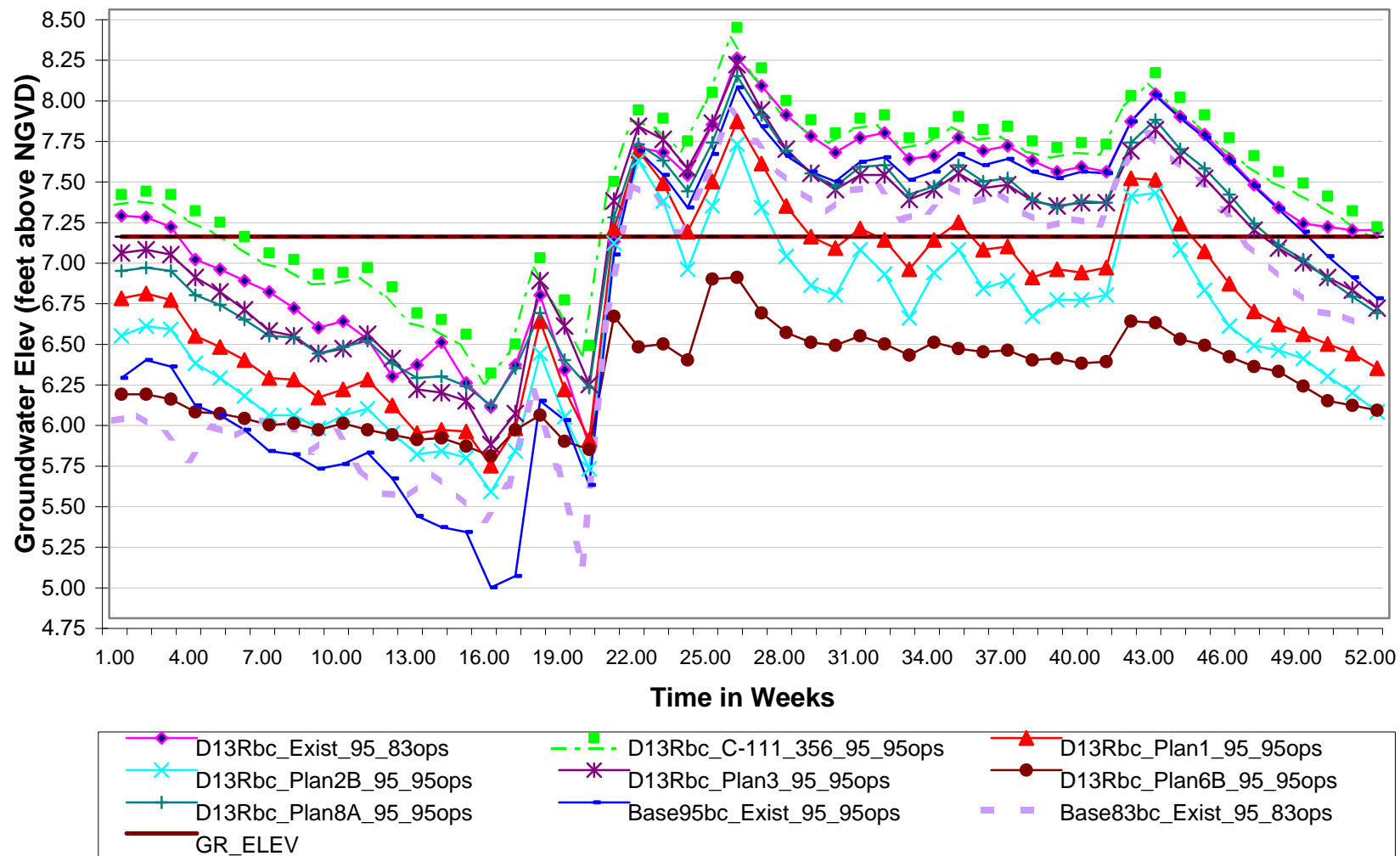
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20838 FIGURE 40**



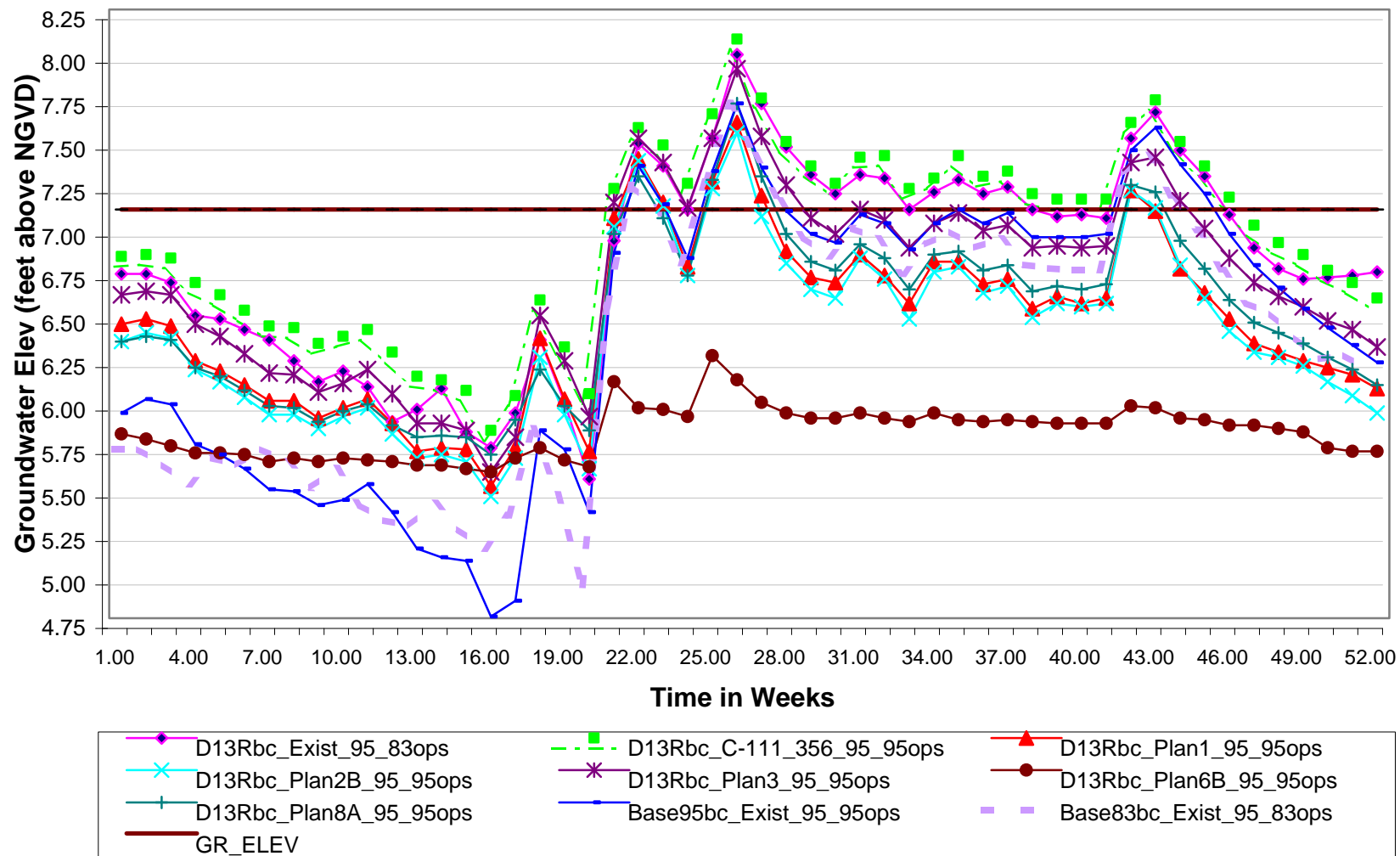
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21017 FIGURE 41**



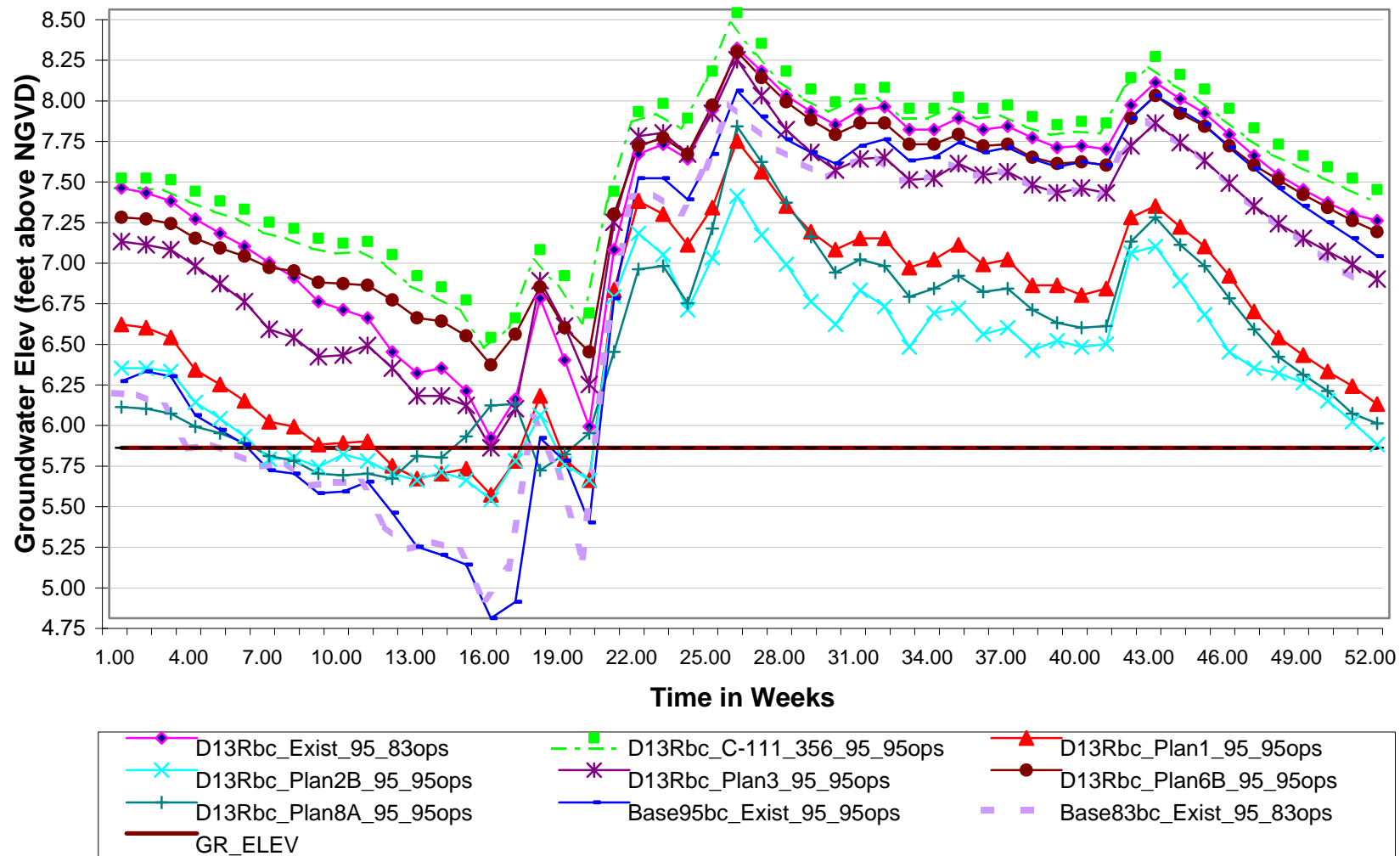
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20925 FIGURE 42**



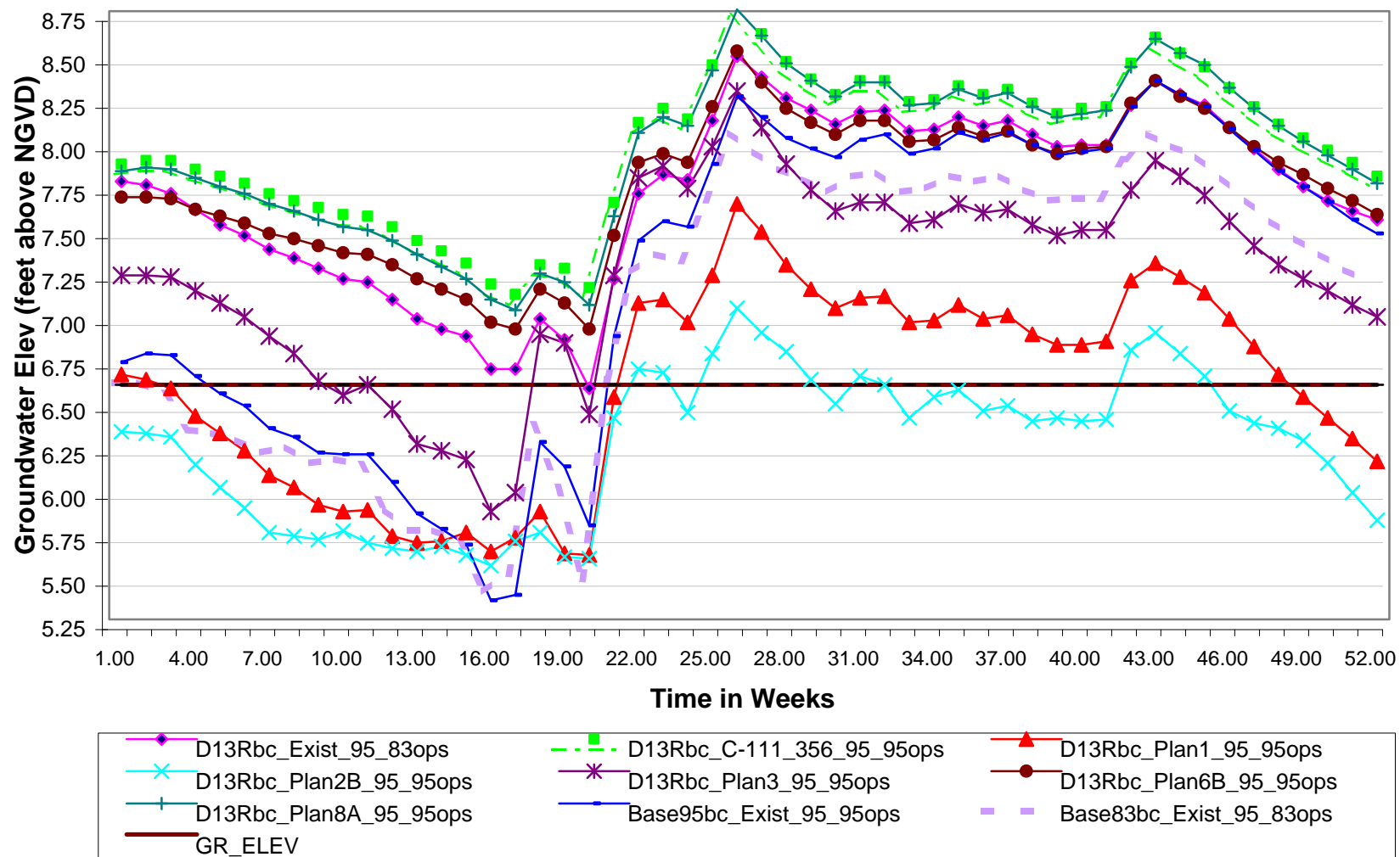
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21105 FIGURE 43**



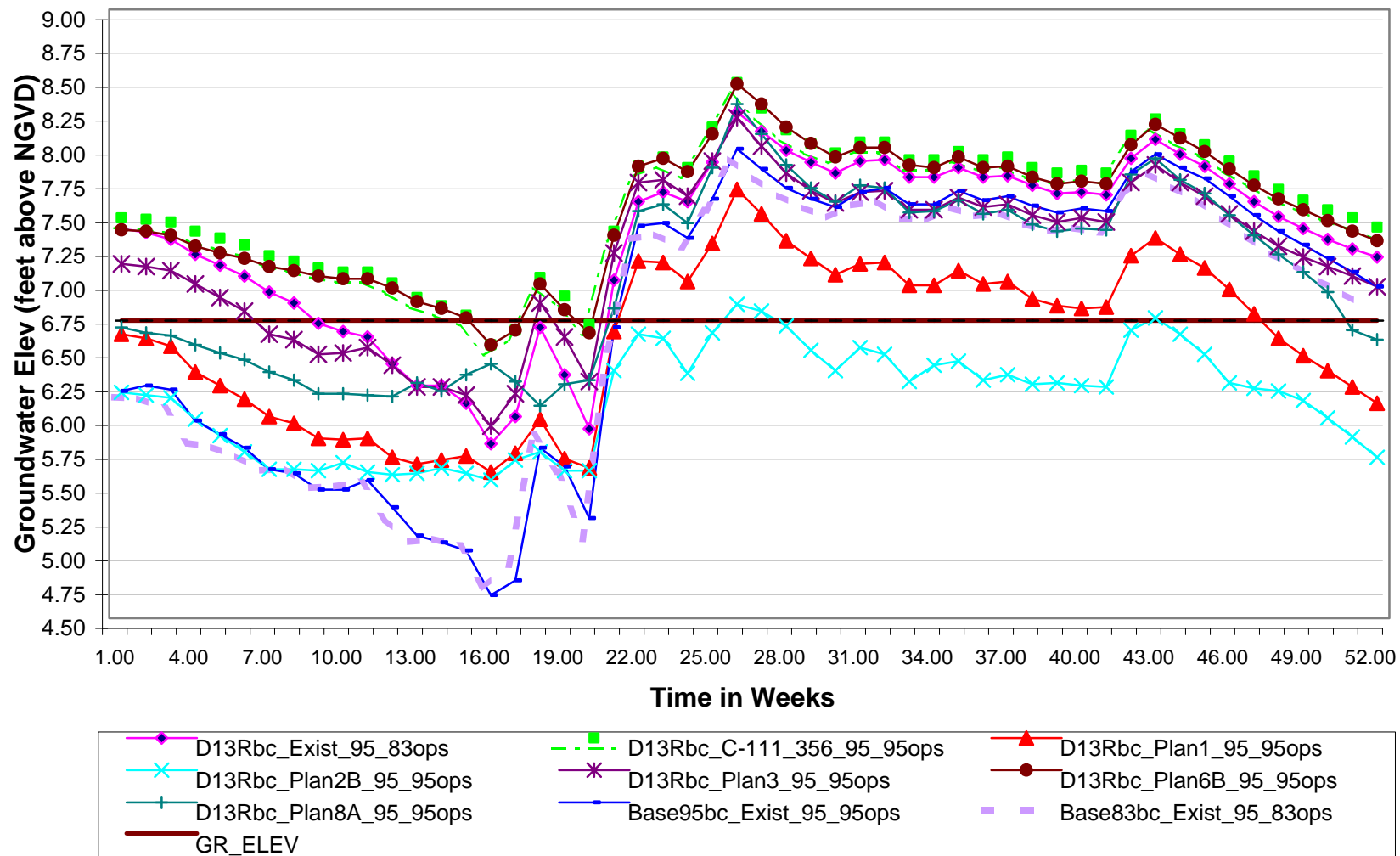
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21007 FIGURE 44**



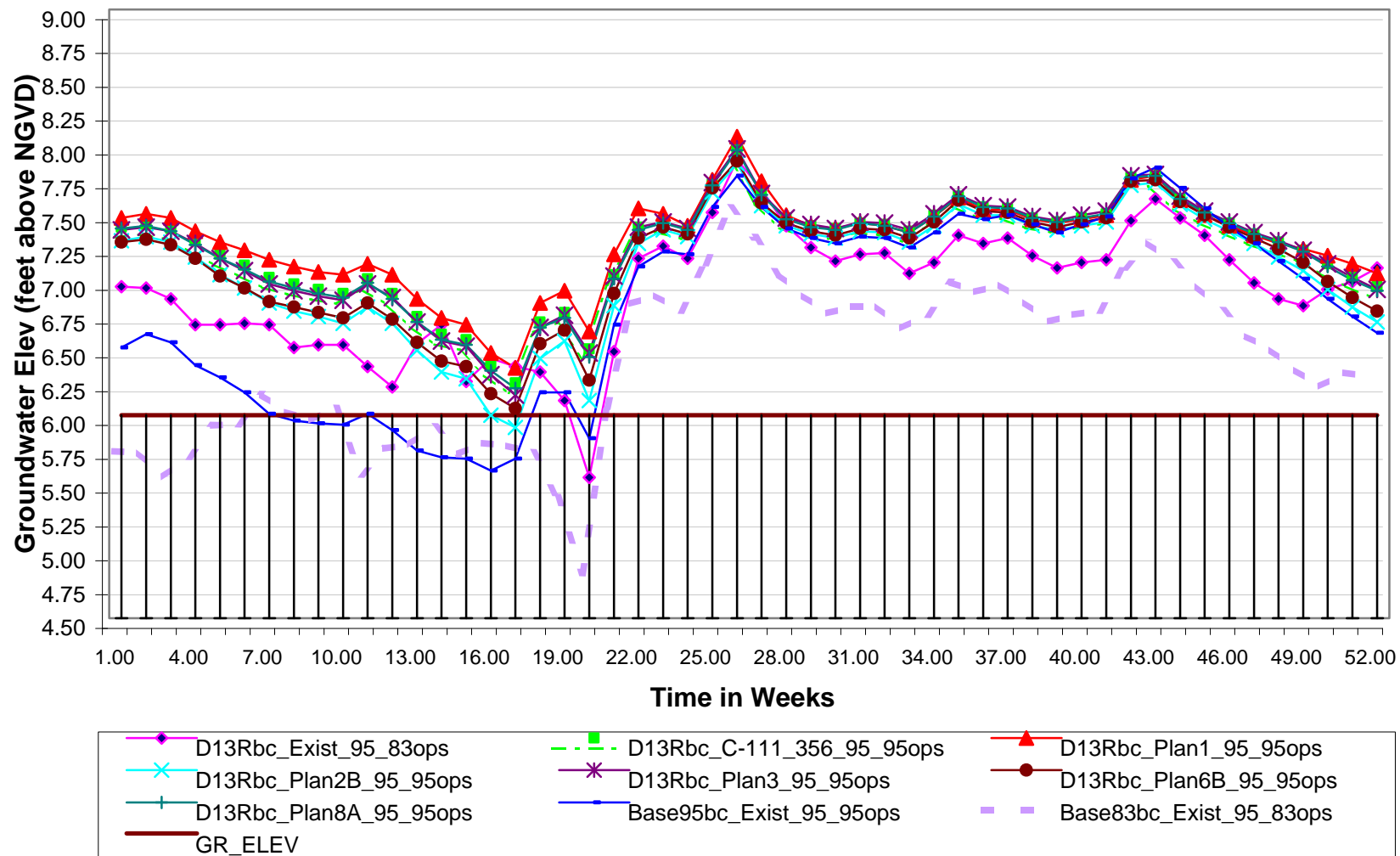
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20469 FIGURE 45**



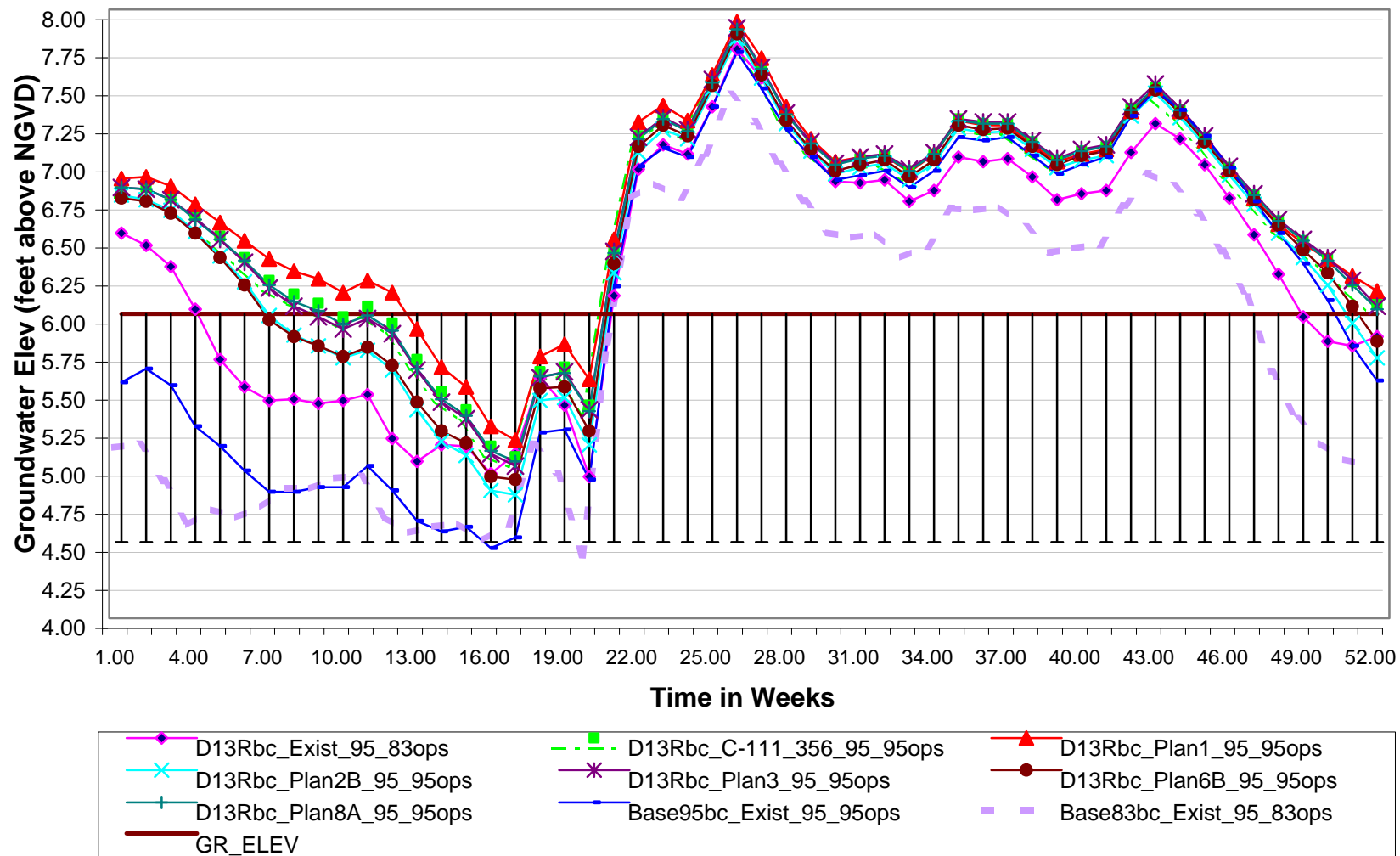
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21094 FIGURE 46**



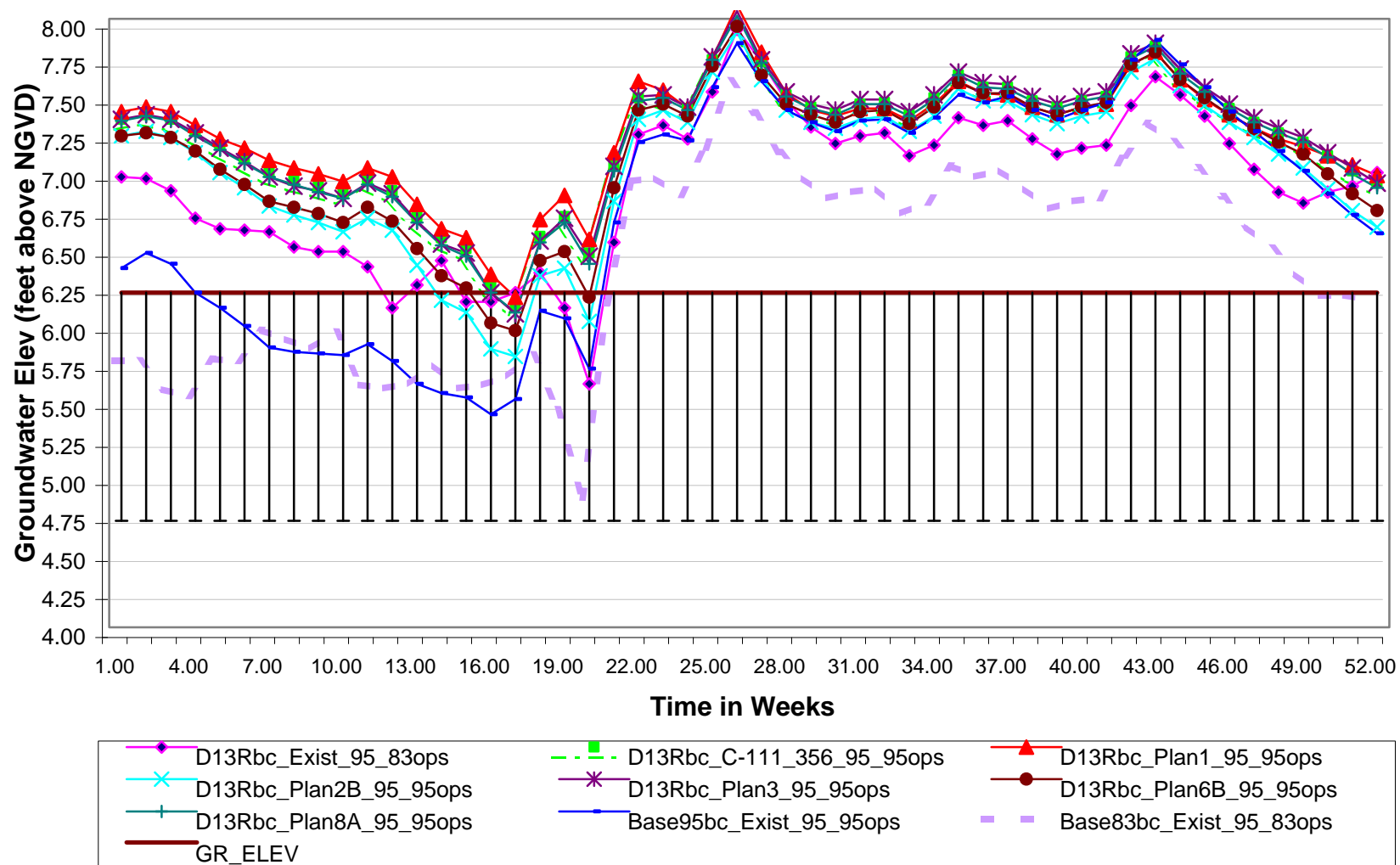
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
19761 FIGURE 47**



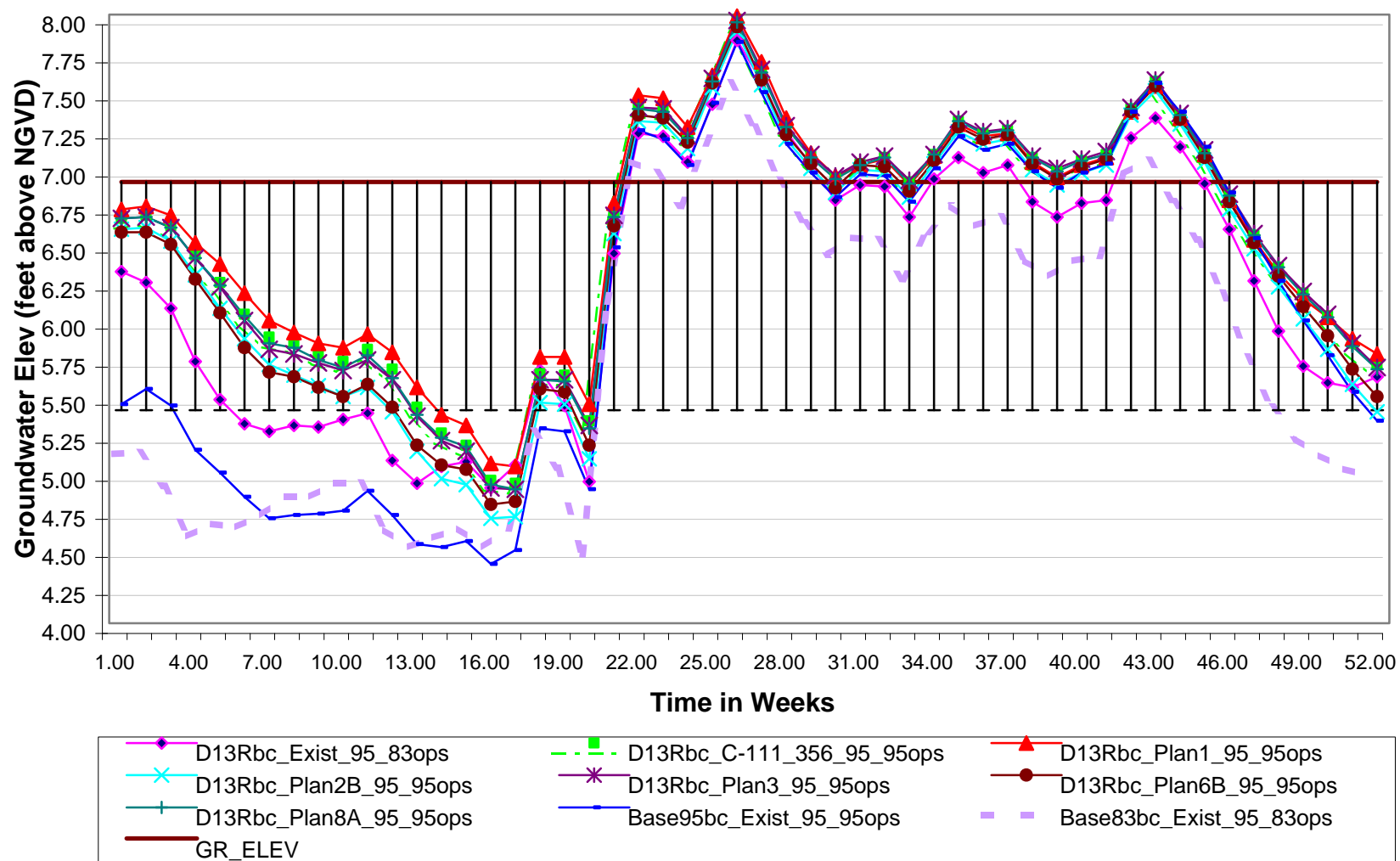
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
19766 FIGURE 48**



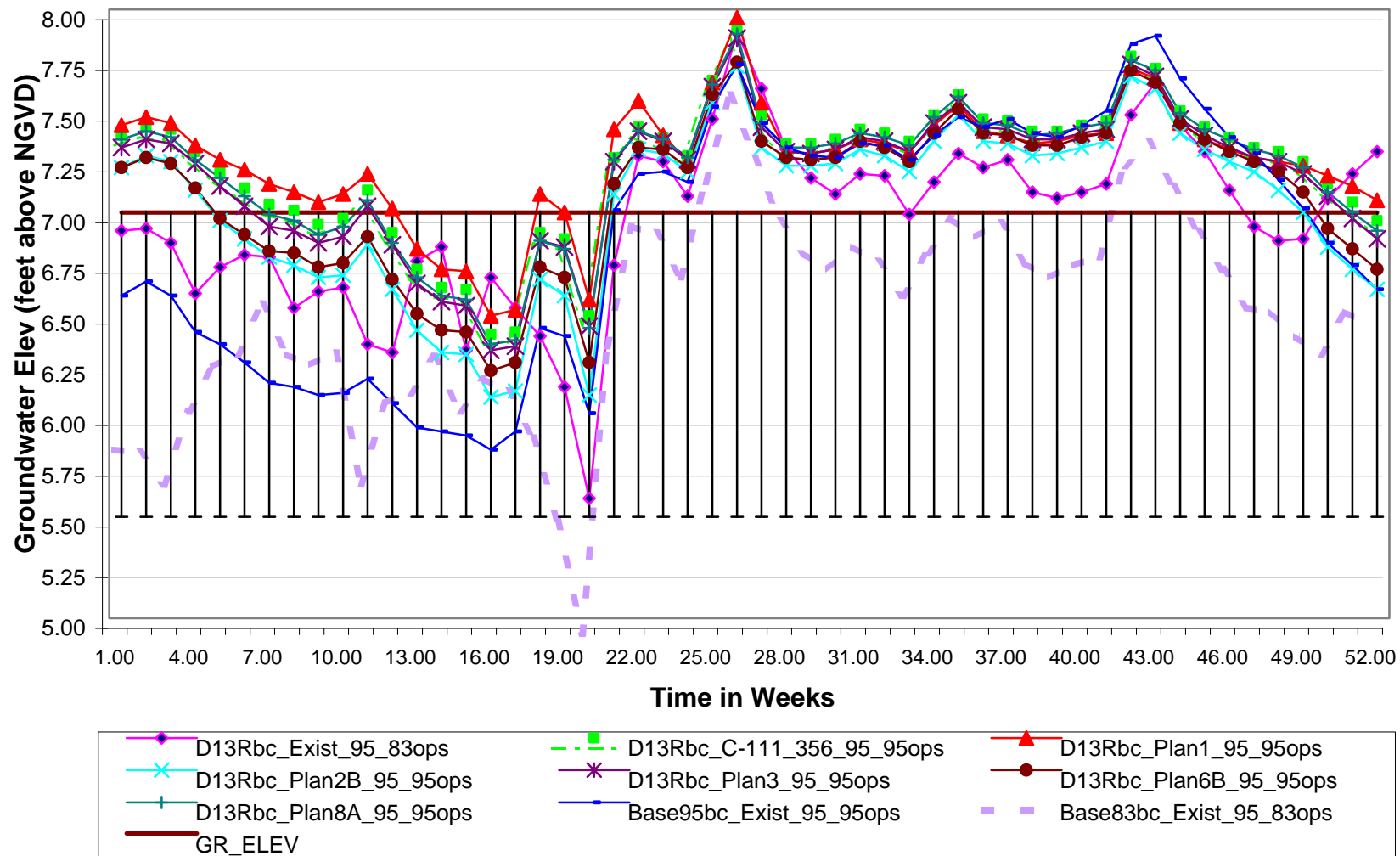
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20031 FIGURE 49**



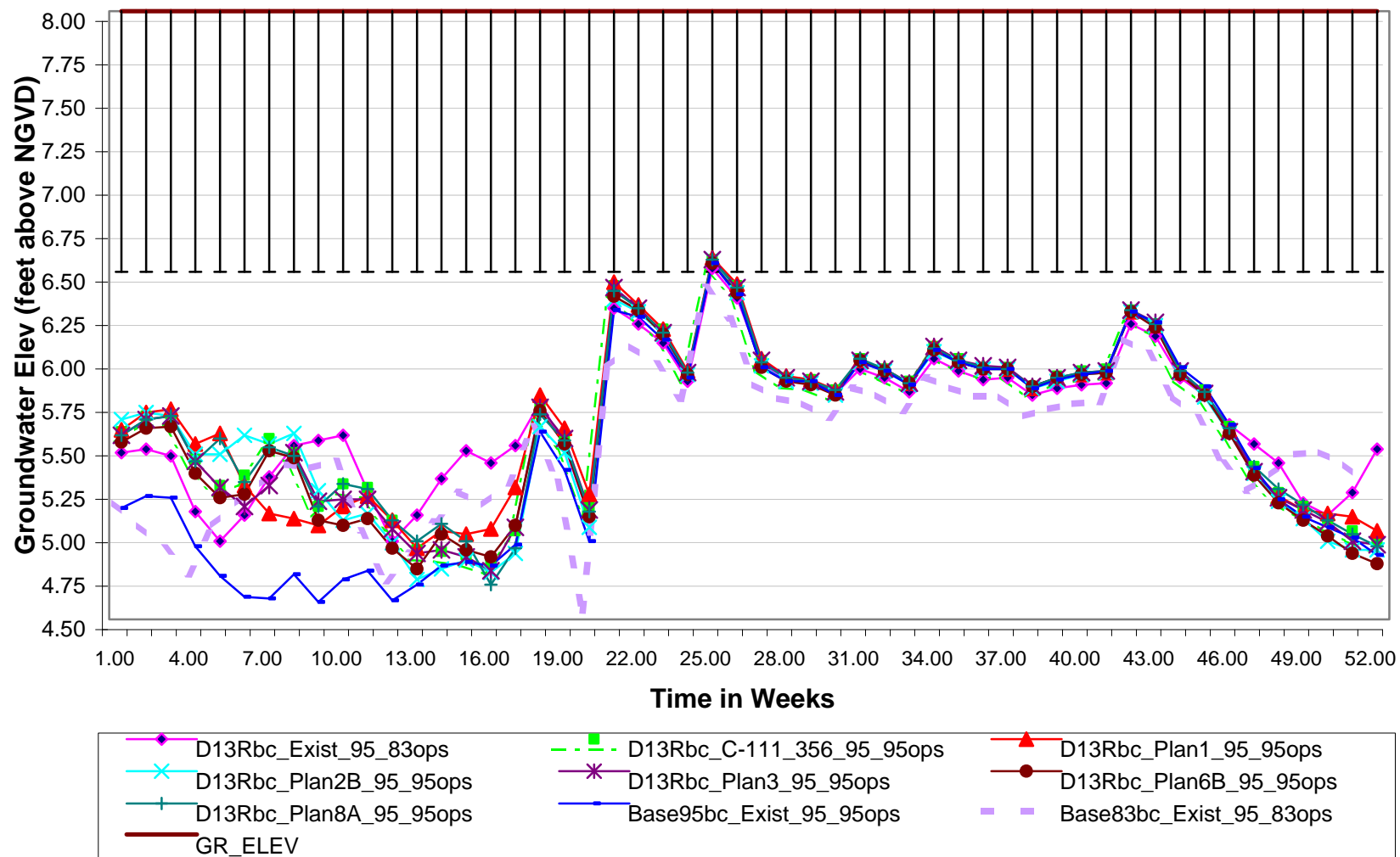
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20036 FIGURE 50**



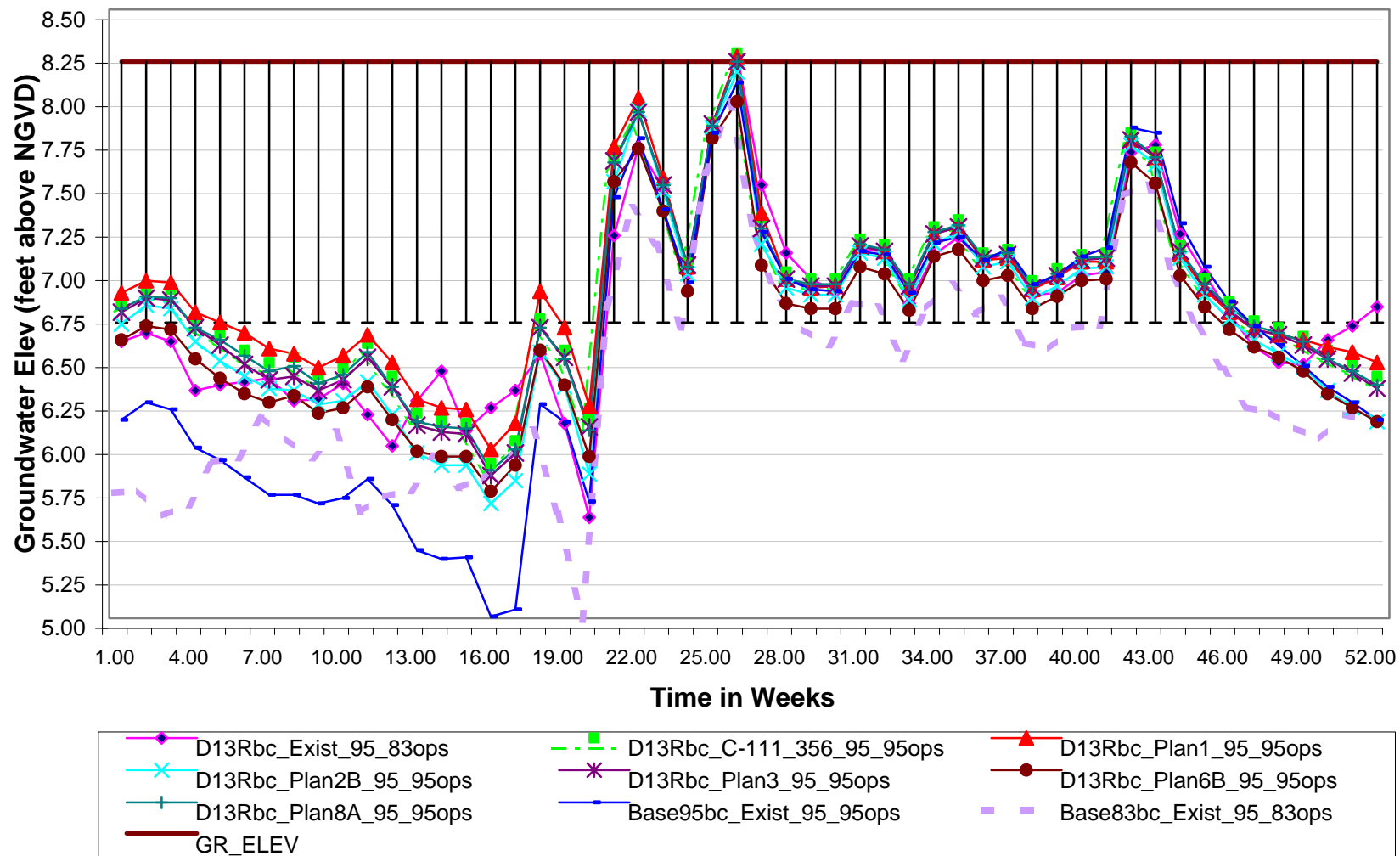
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20390 FIGURE 51**



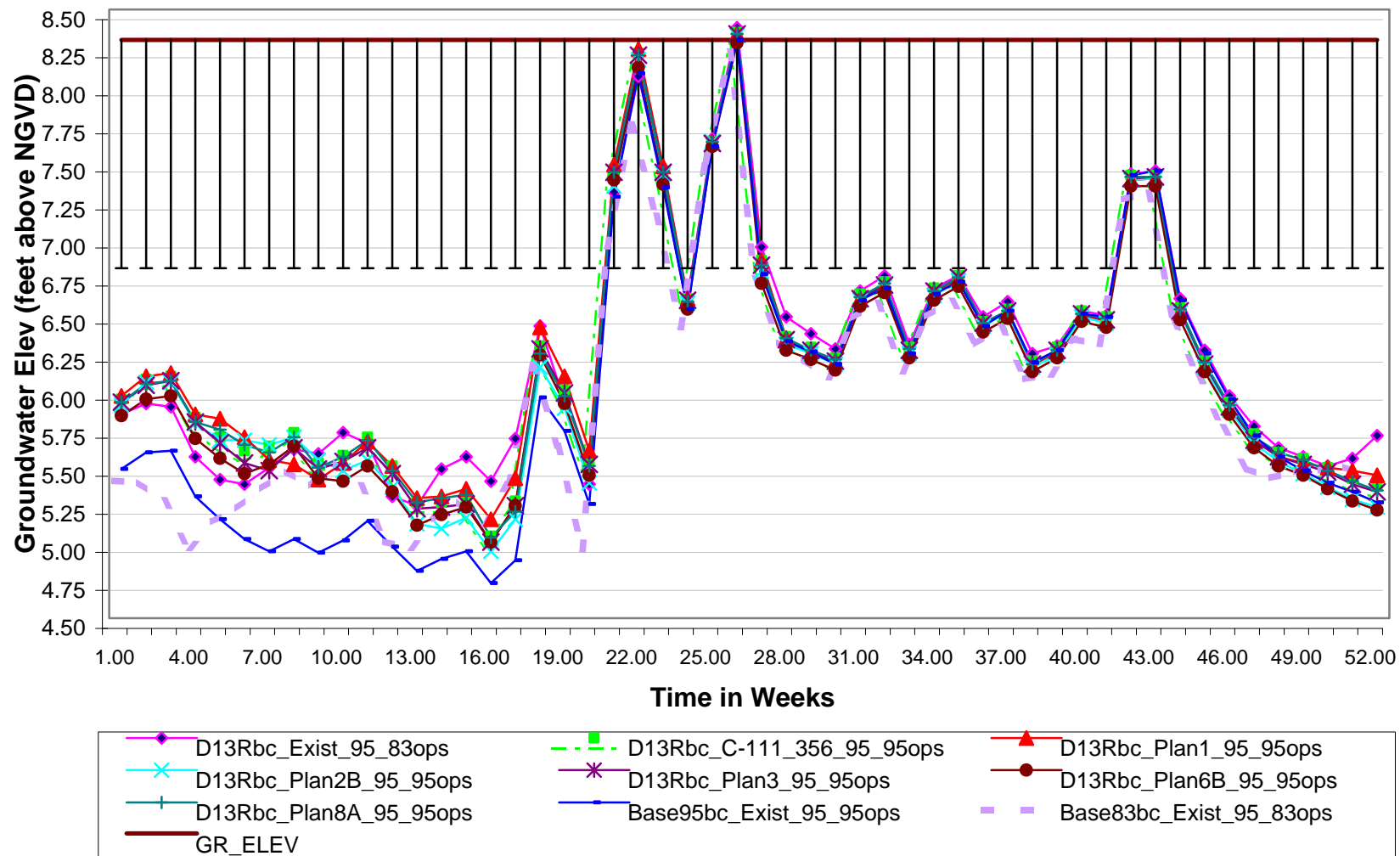
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20396 FIGURE 52**



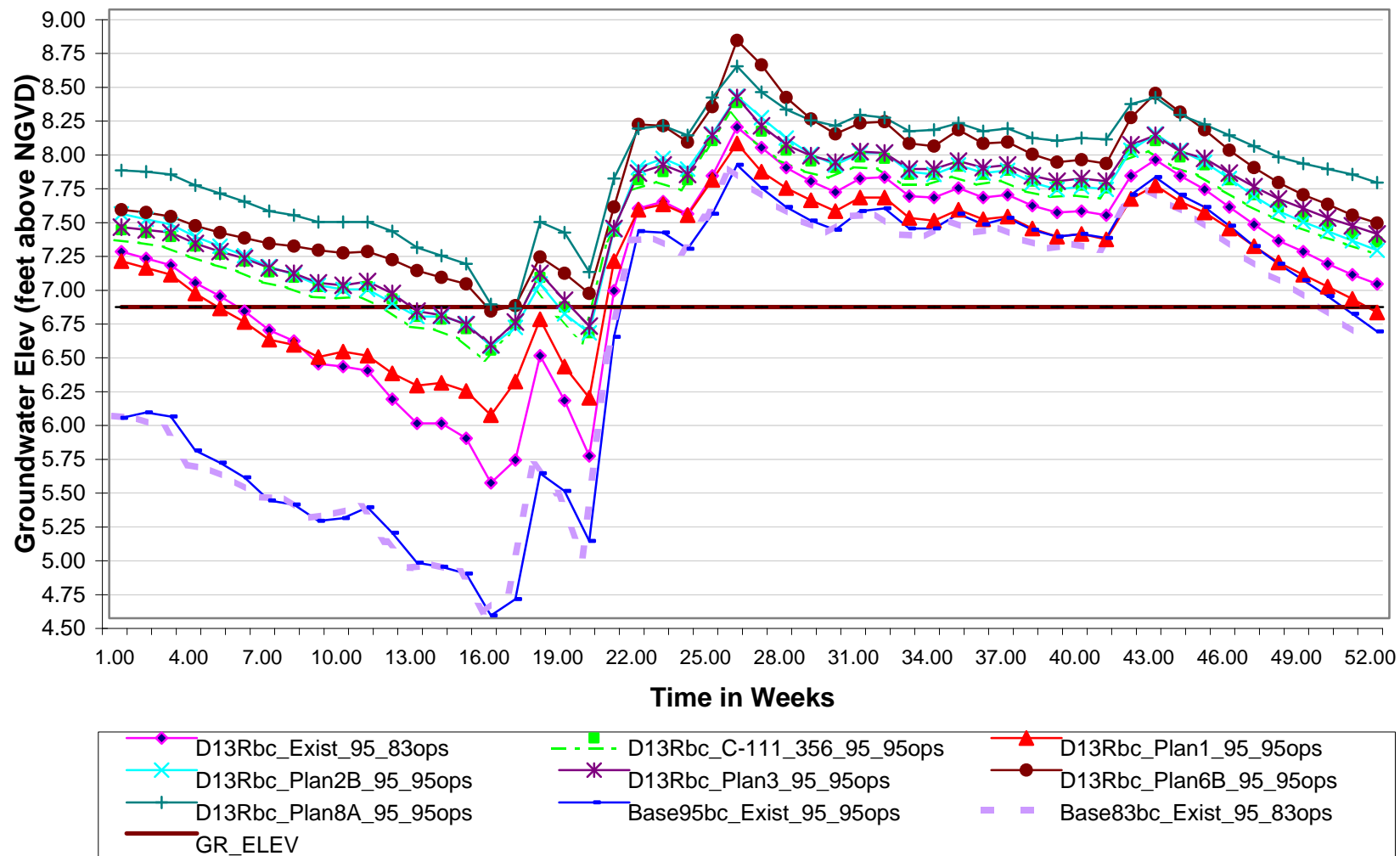
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20931 FIGURE 53**



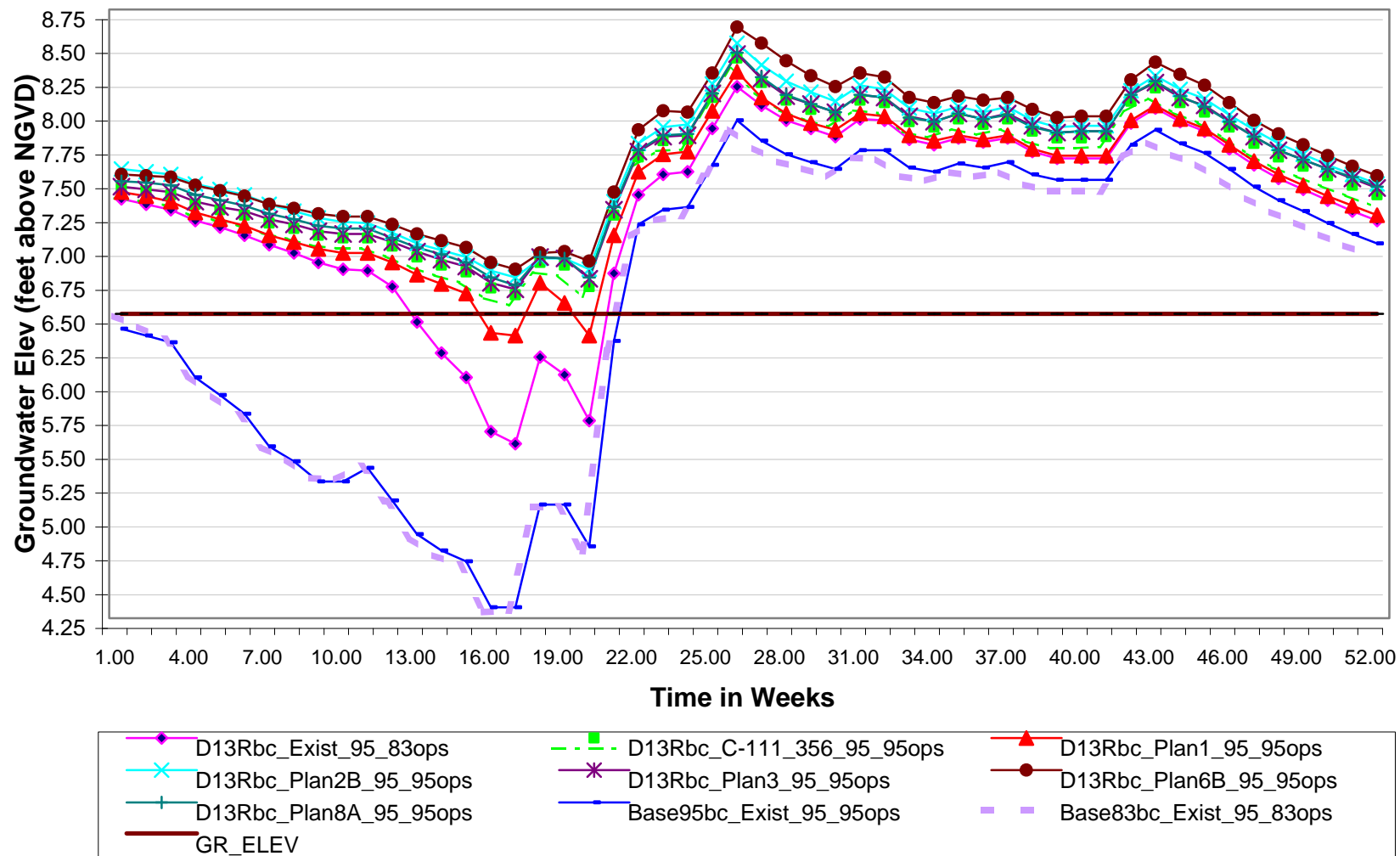
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20936 FIGURE 54**



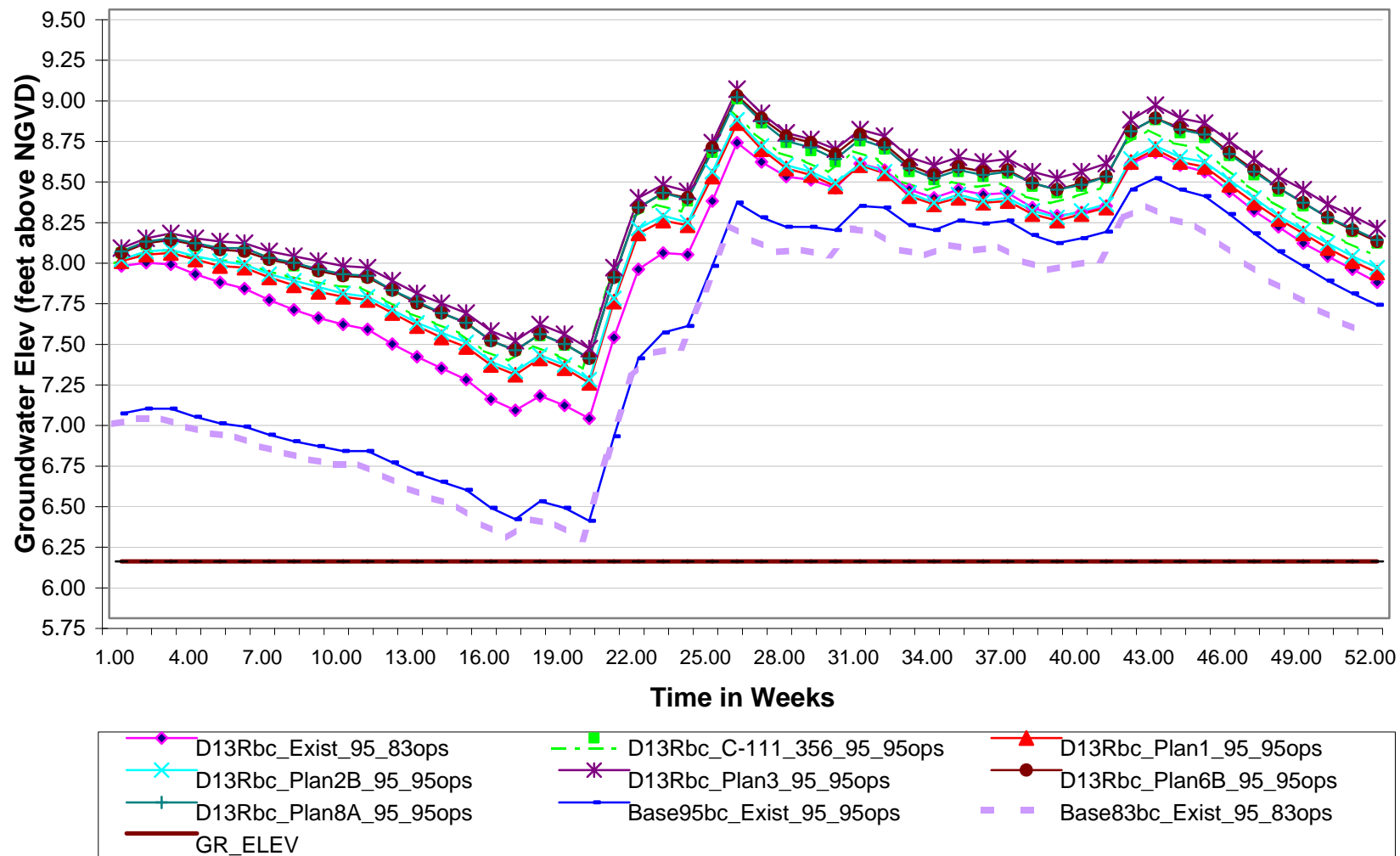
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21271 FIGURE 55**



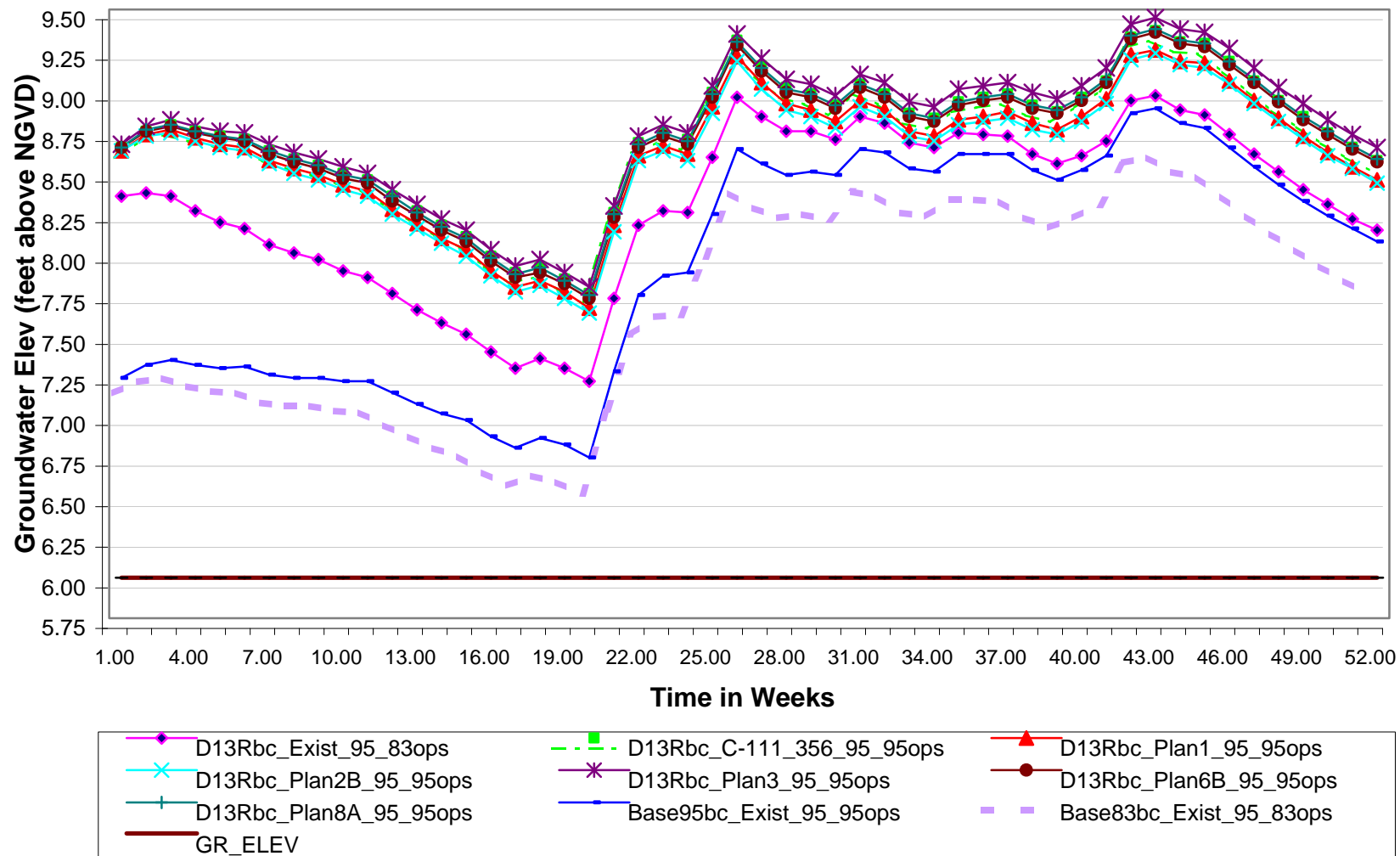
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21791 FIGURE 56**



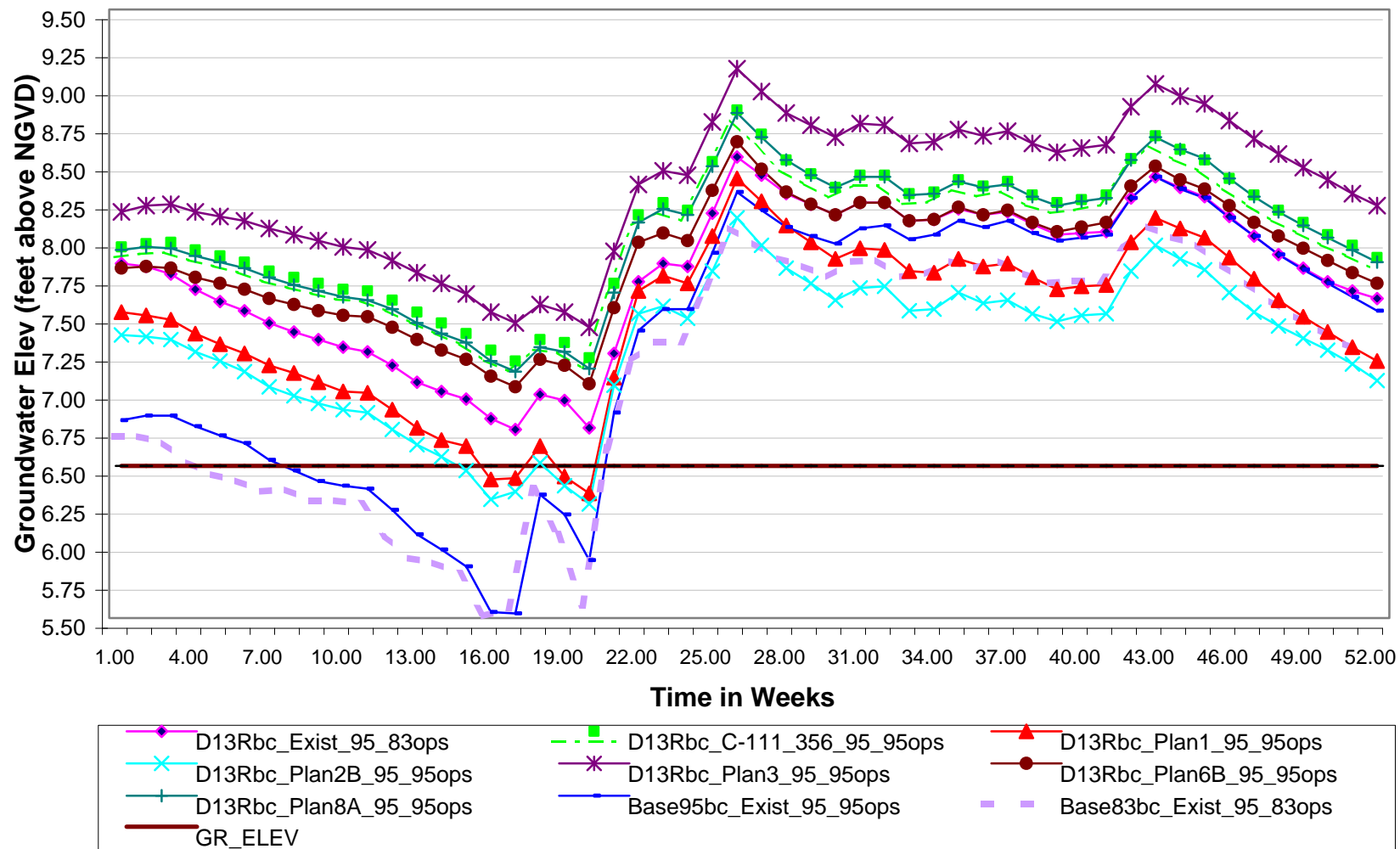
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20890 FIGURE 57**



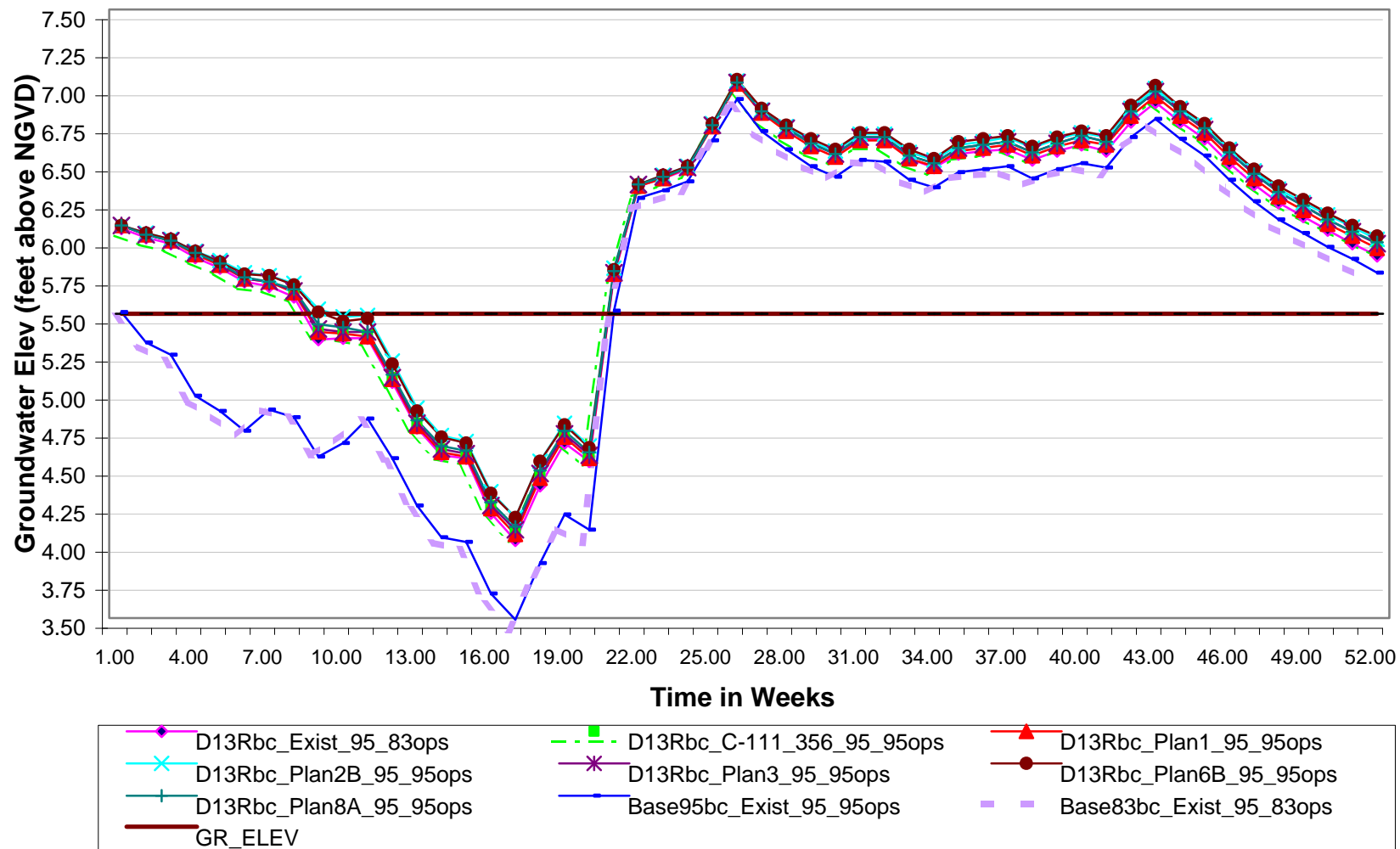
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
19990 FIGURE 58**



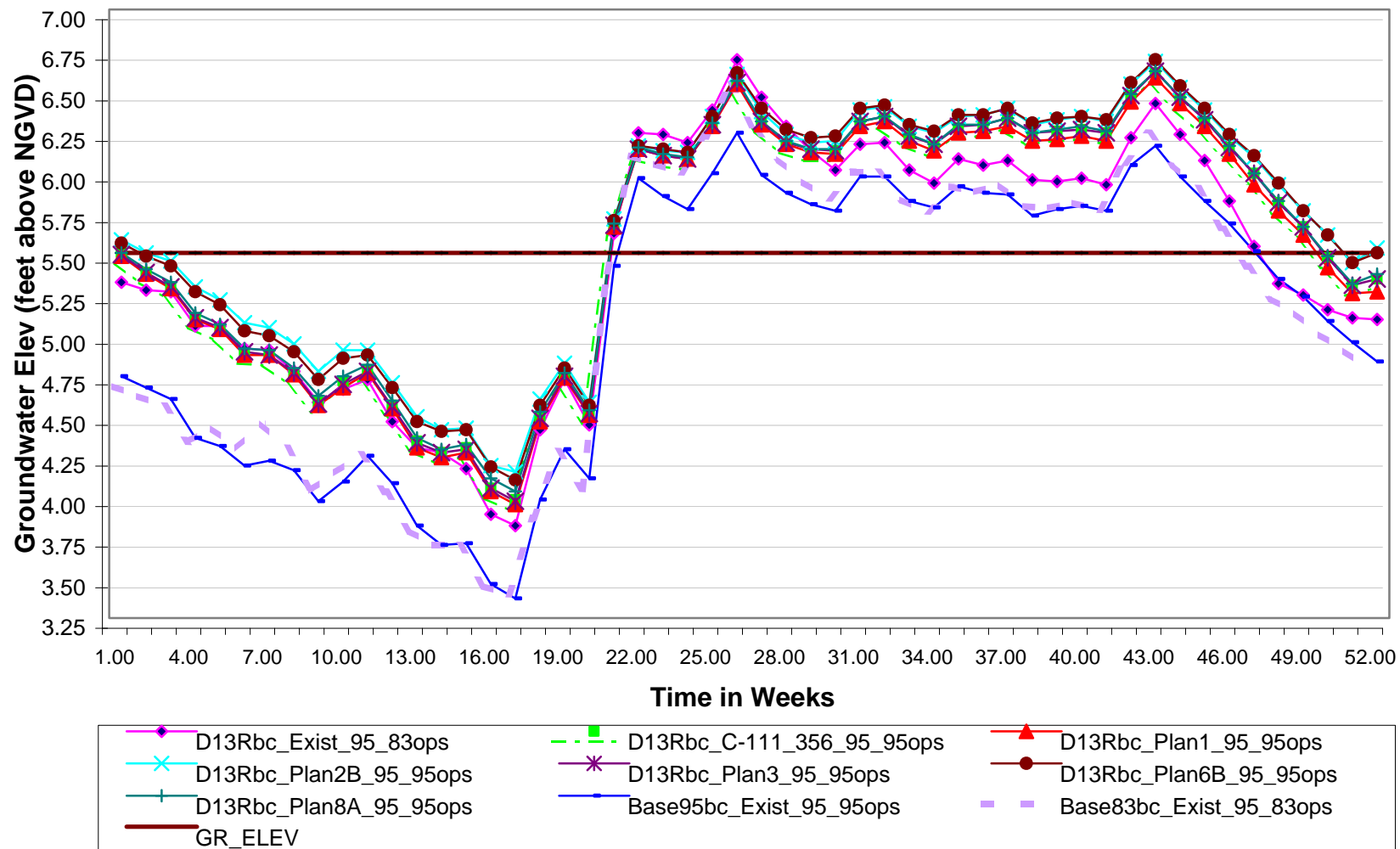
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20378 FIGURE 59**



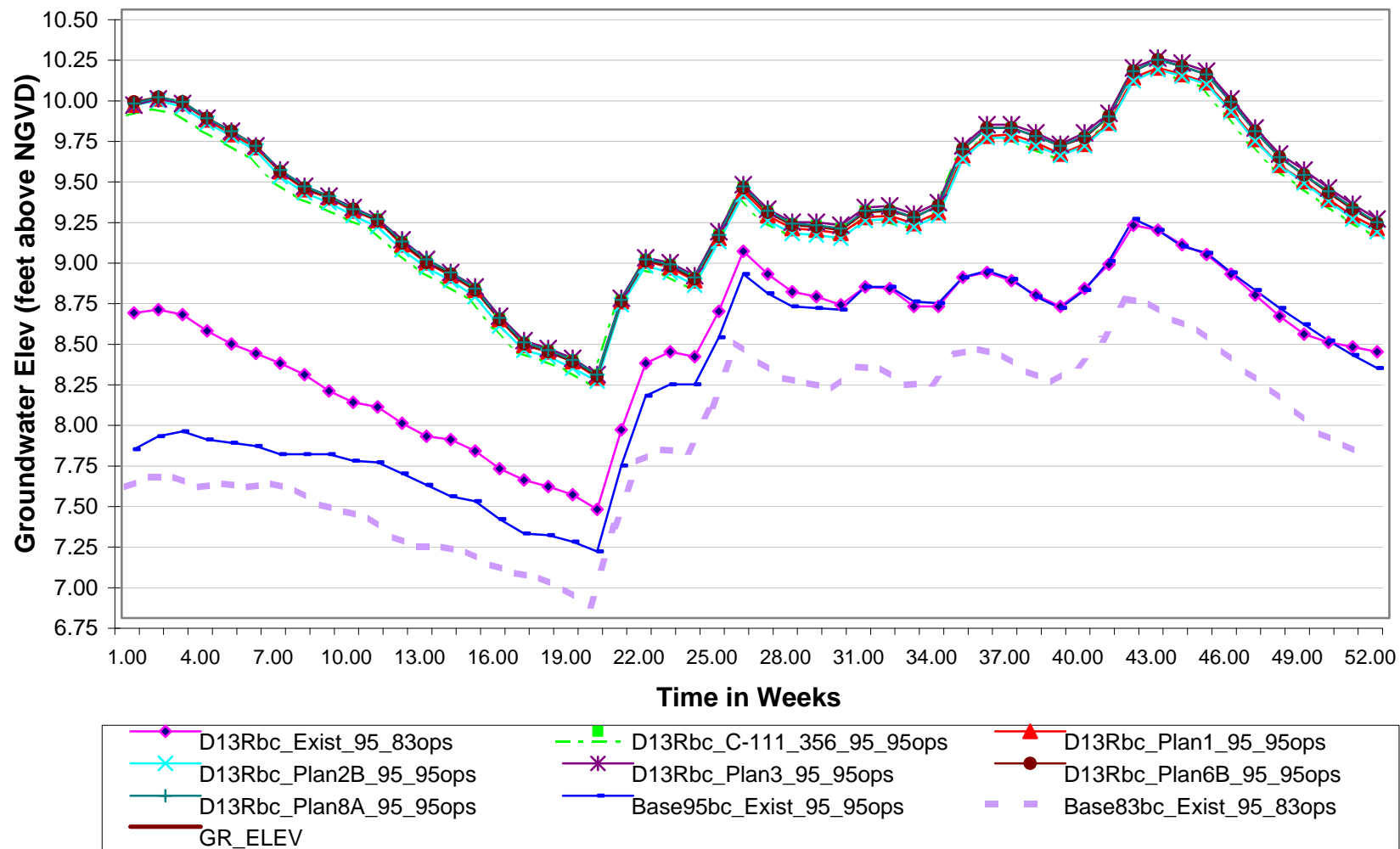
24577 **FIGURE 60**



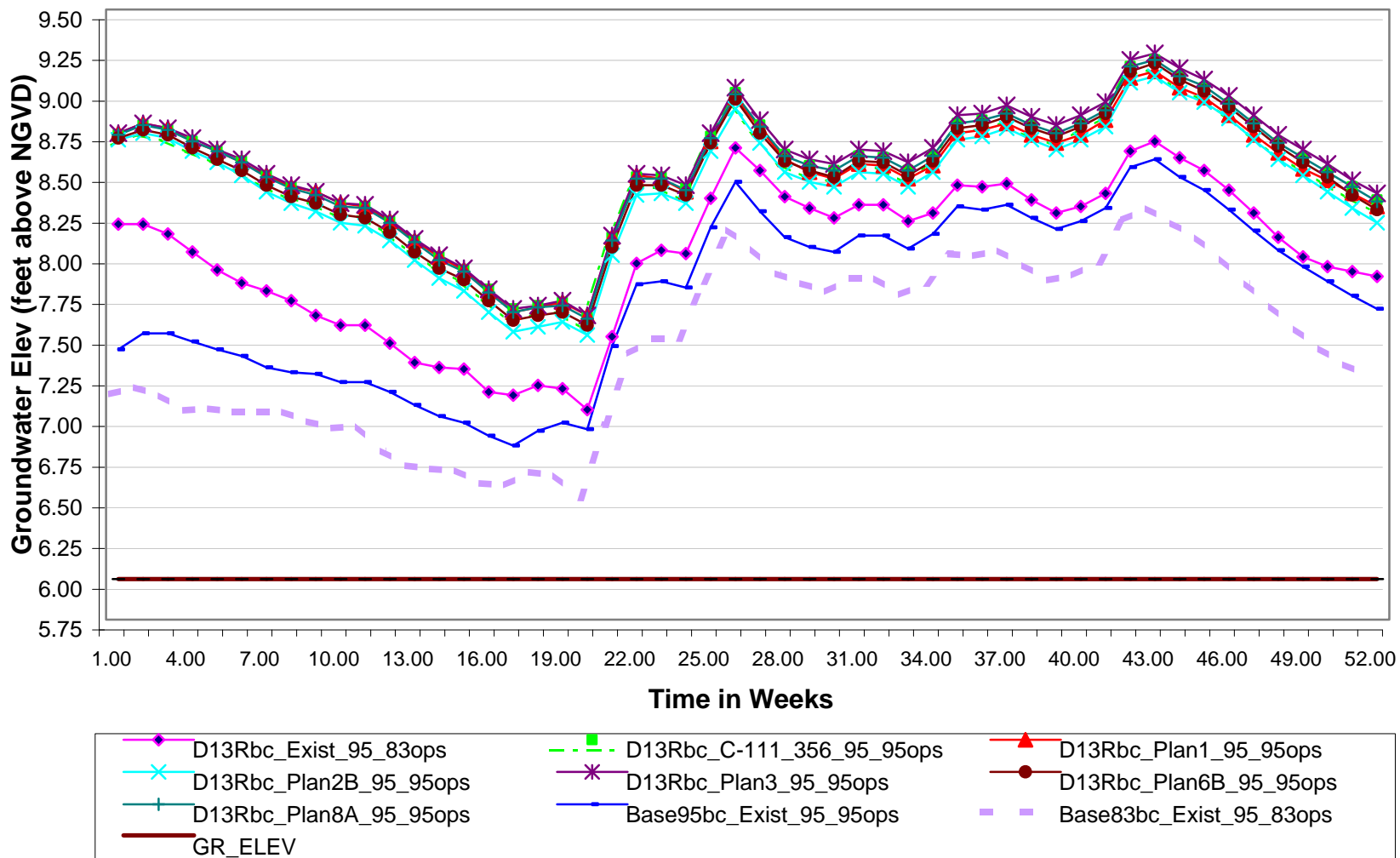
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
24587 FIGURE 61**



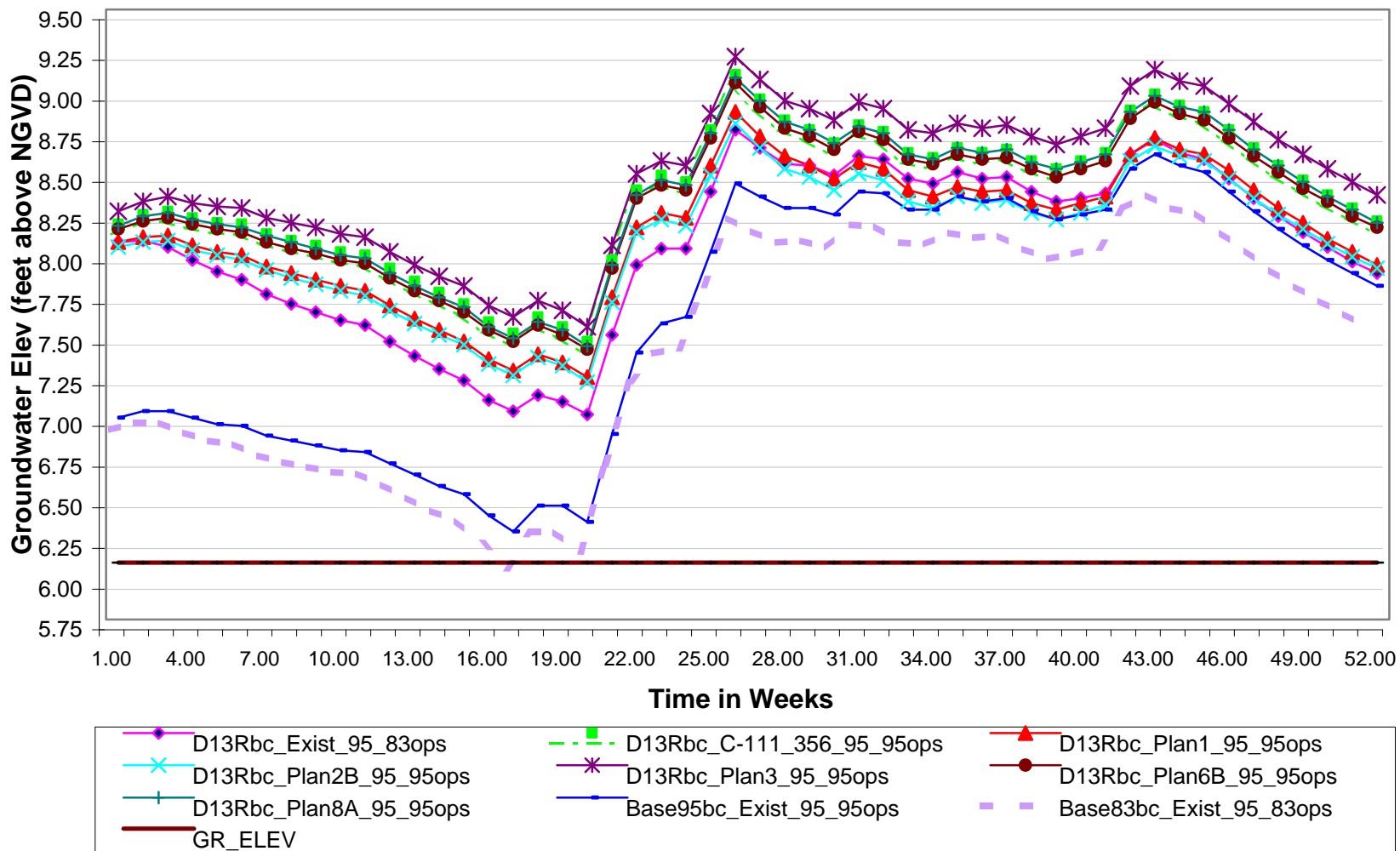
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
19177 FIGURE 62**



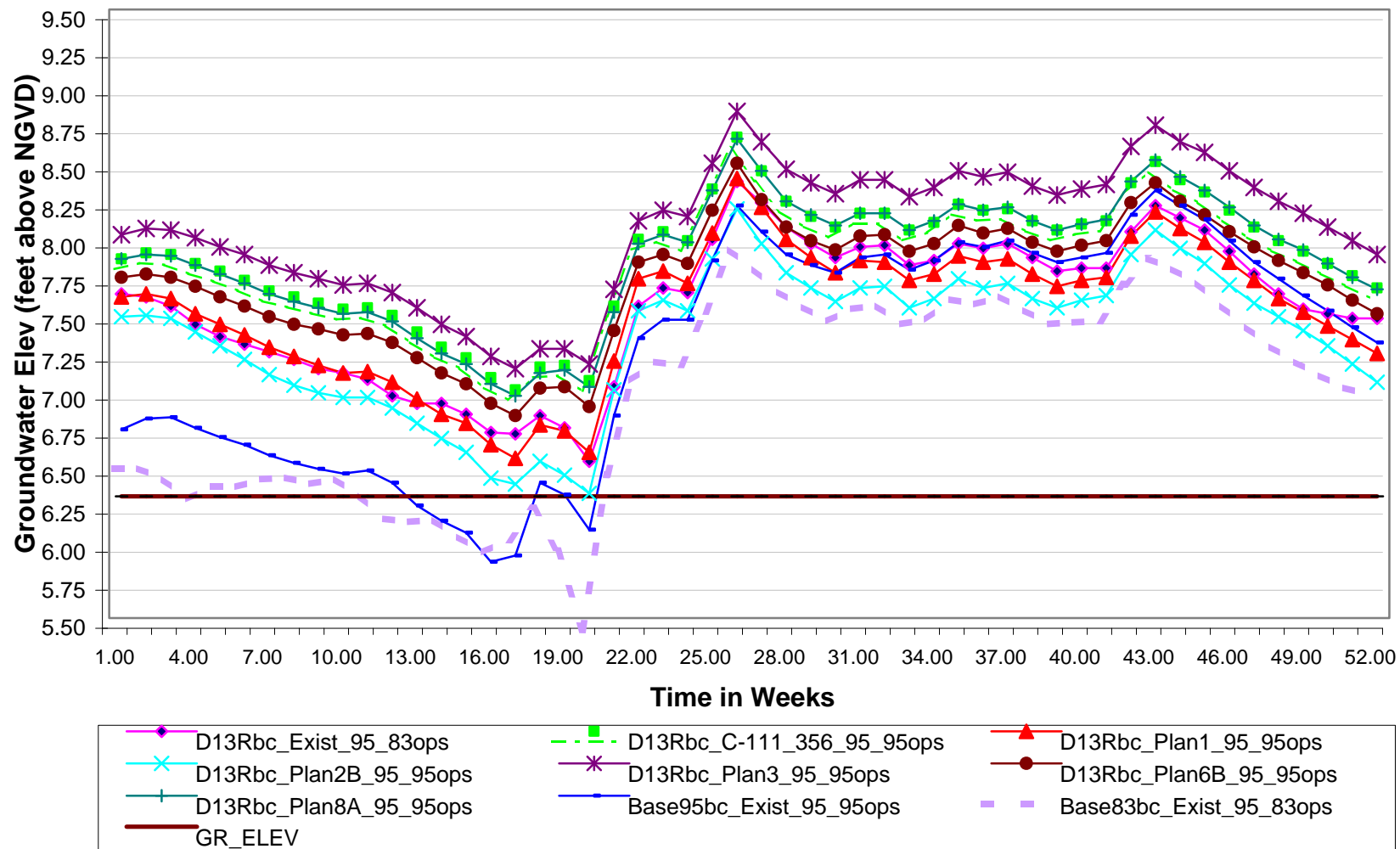
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
19213 FIGURE 63**



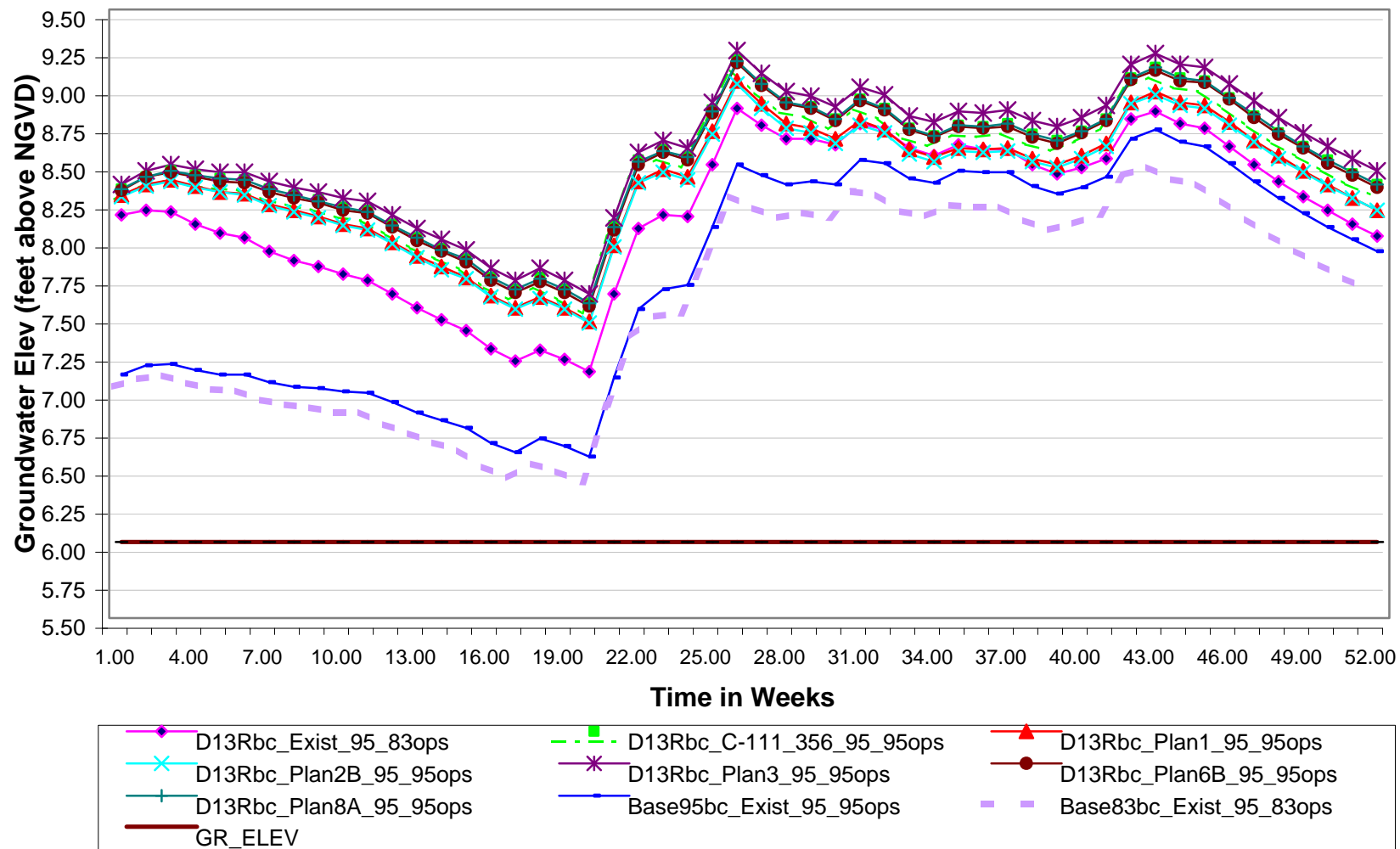
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20357 FIGURE 64**



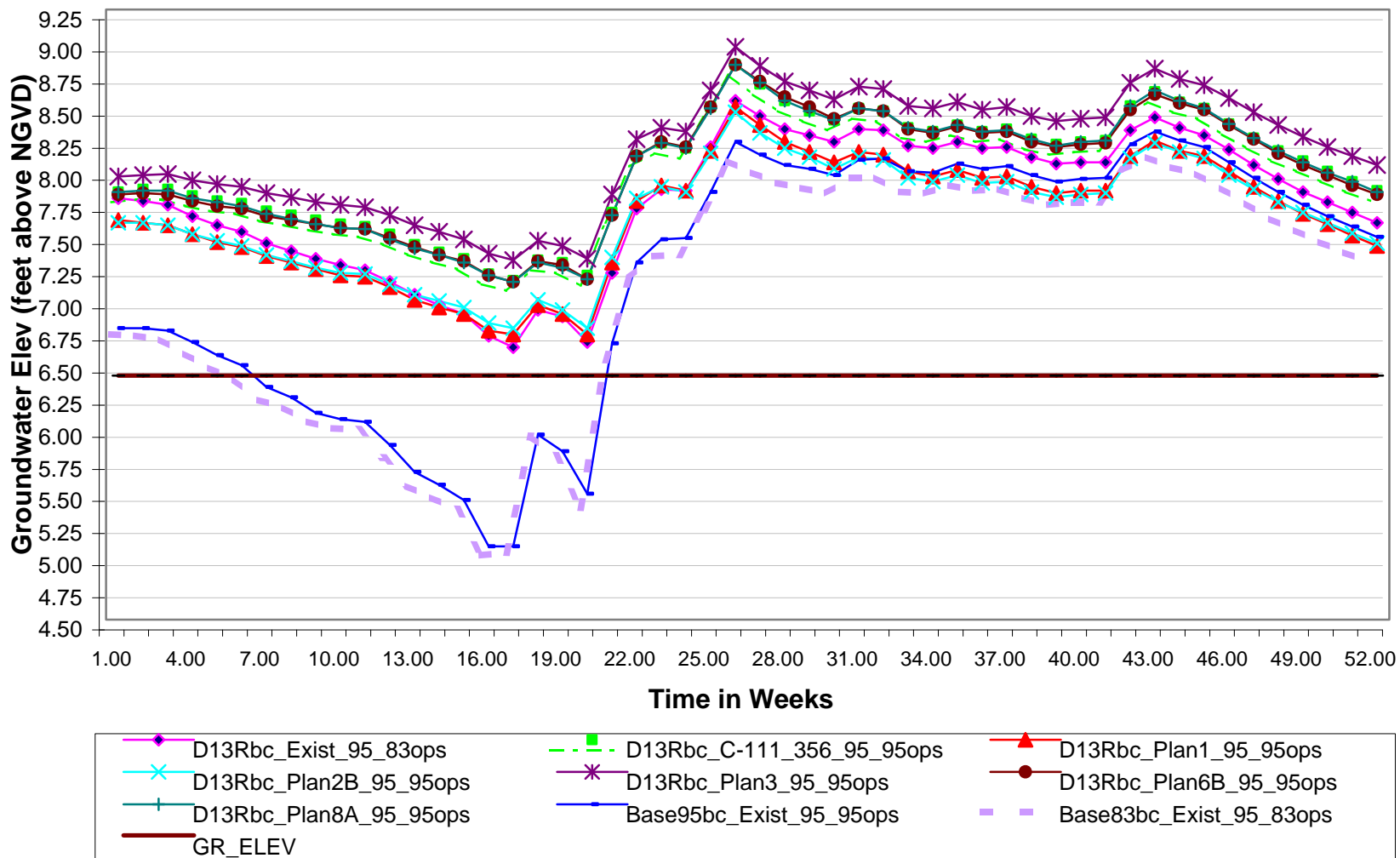
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20206 FIGURE 65**



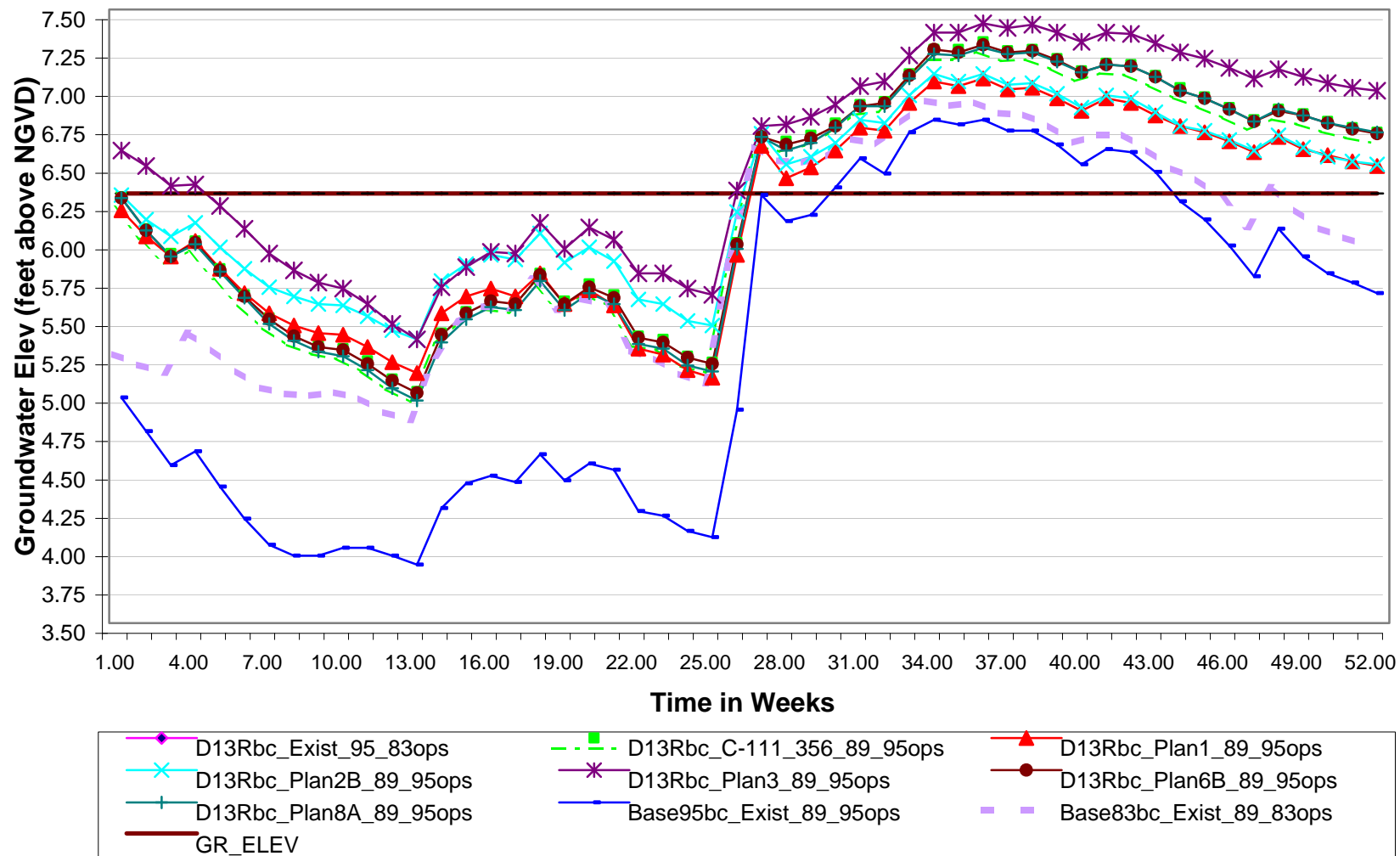
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20350 FIGURE 66**



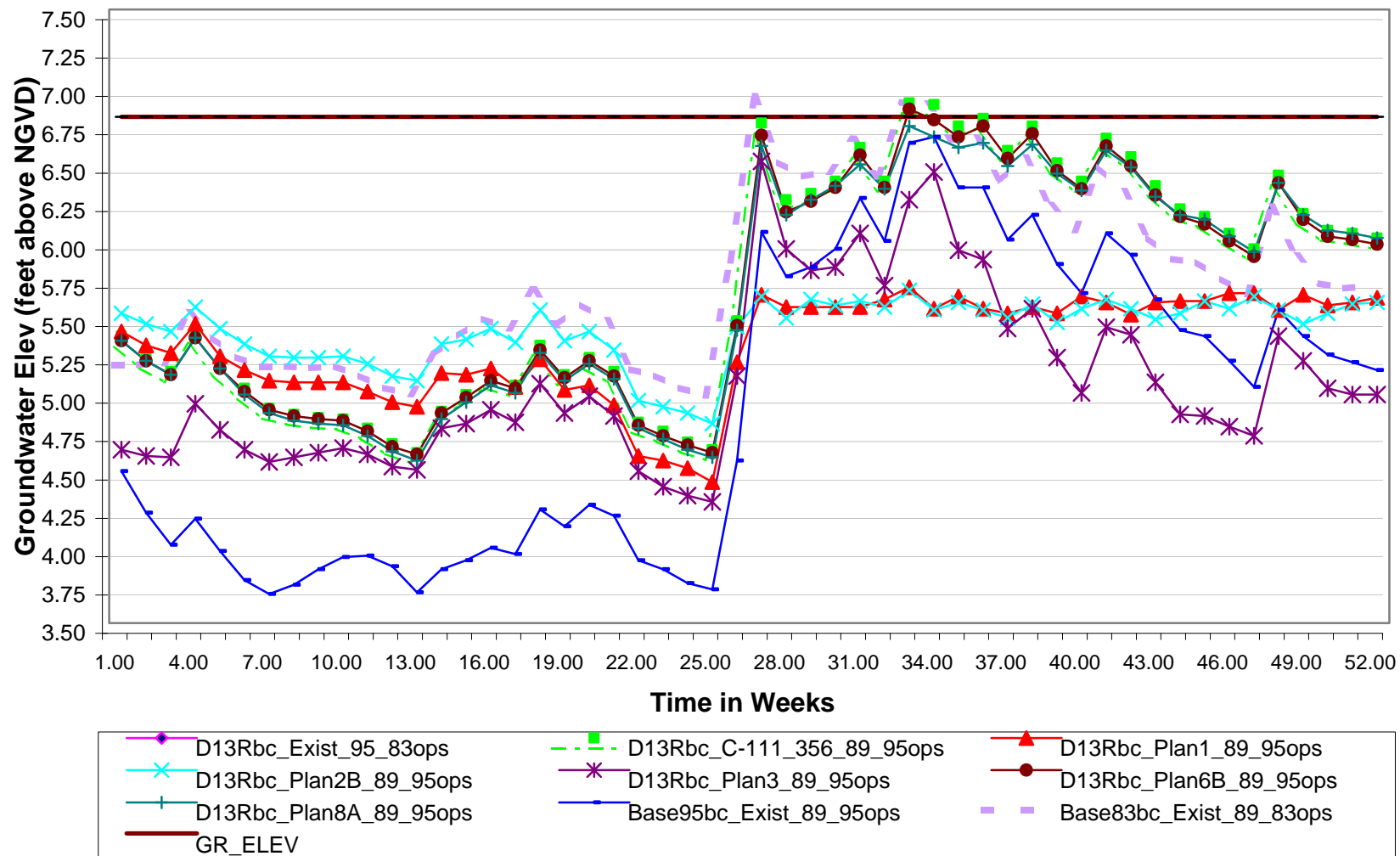
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20900 FIGURE 67**



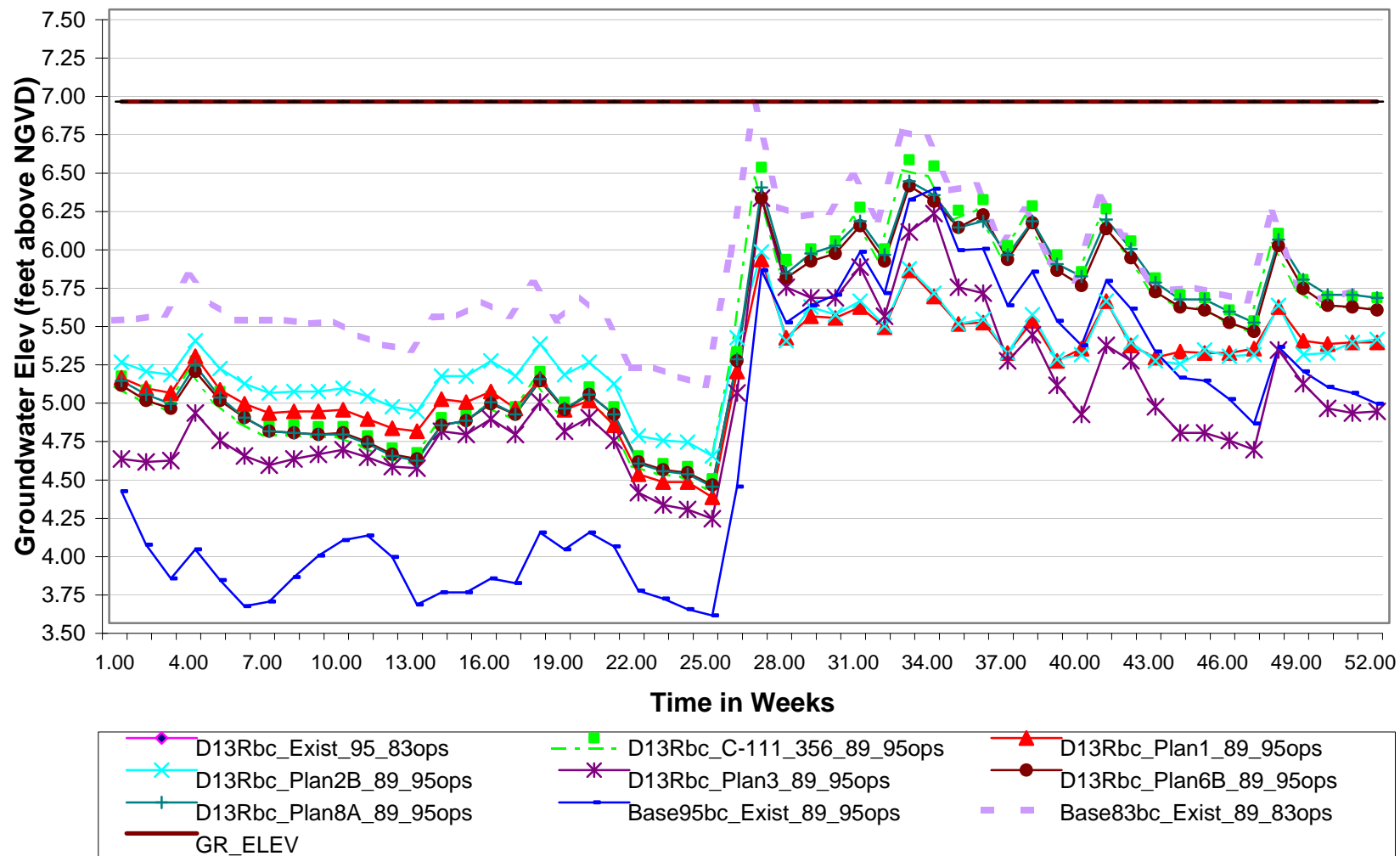
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20457 FIGURE 68**



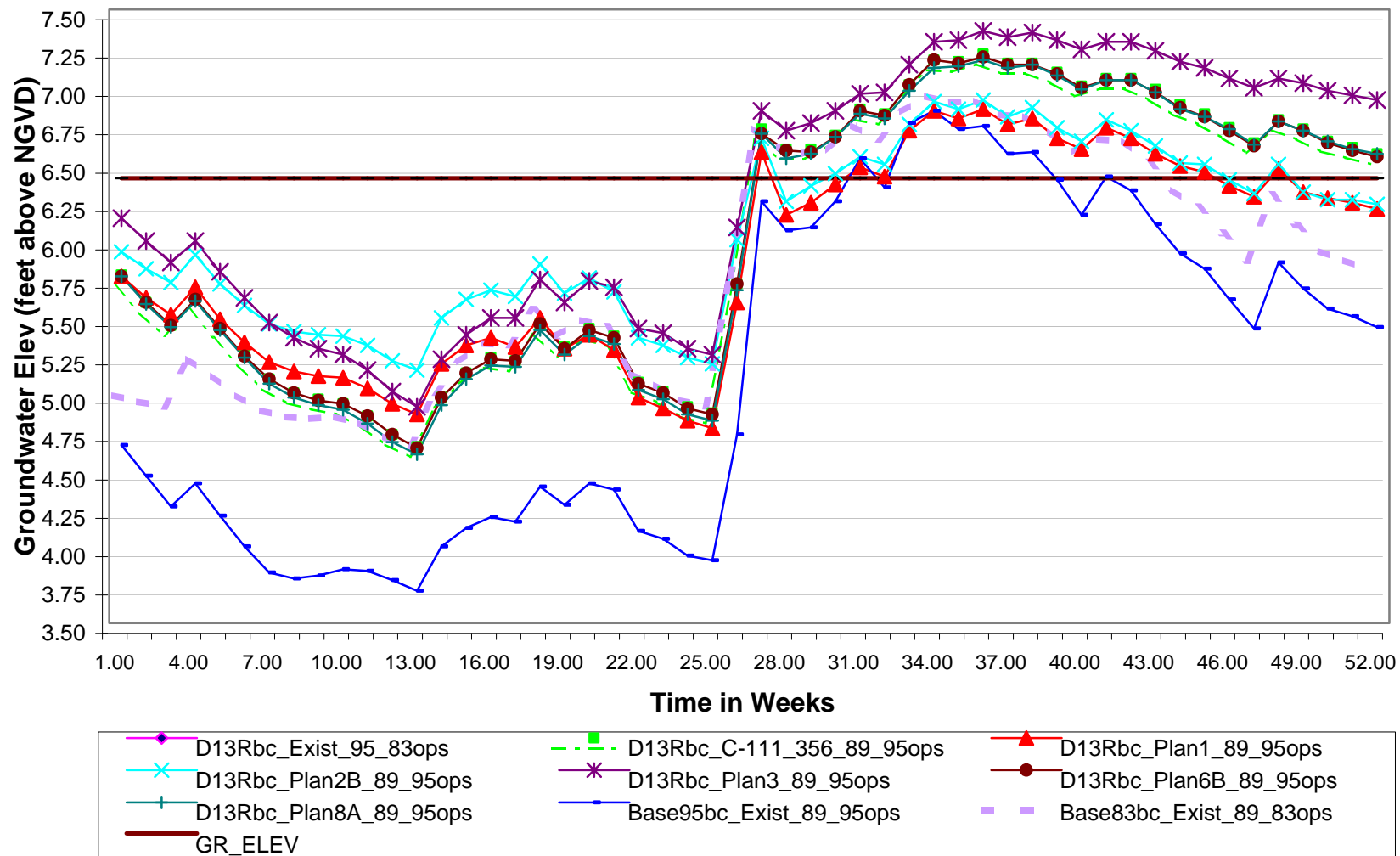
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20737 FIGURE 69**



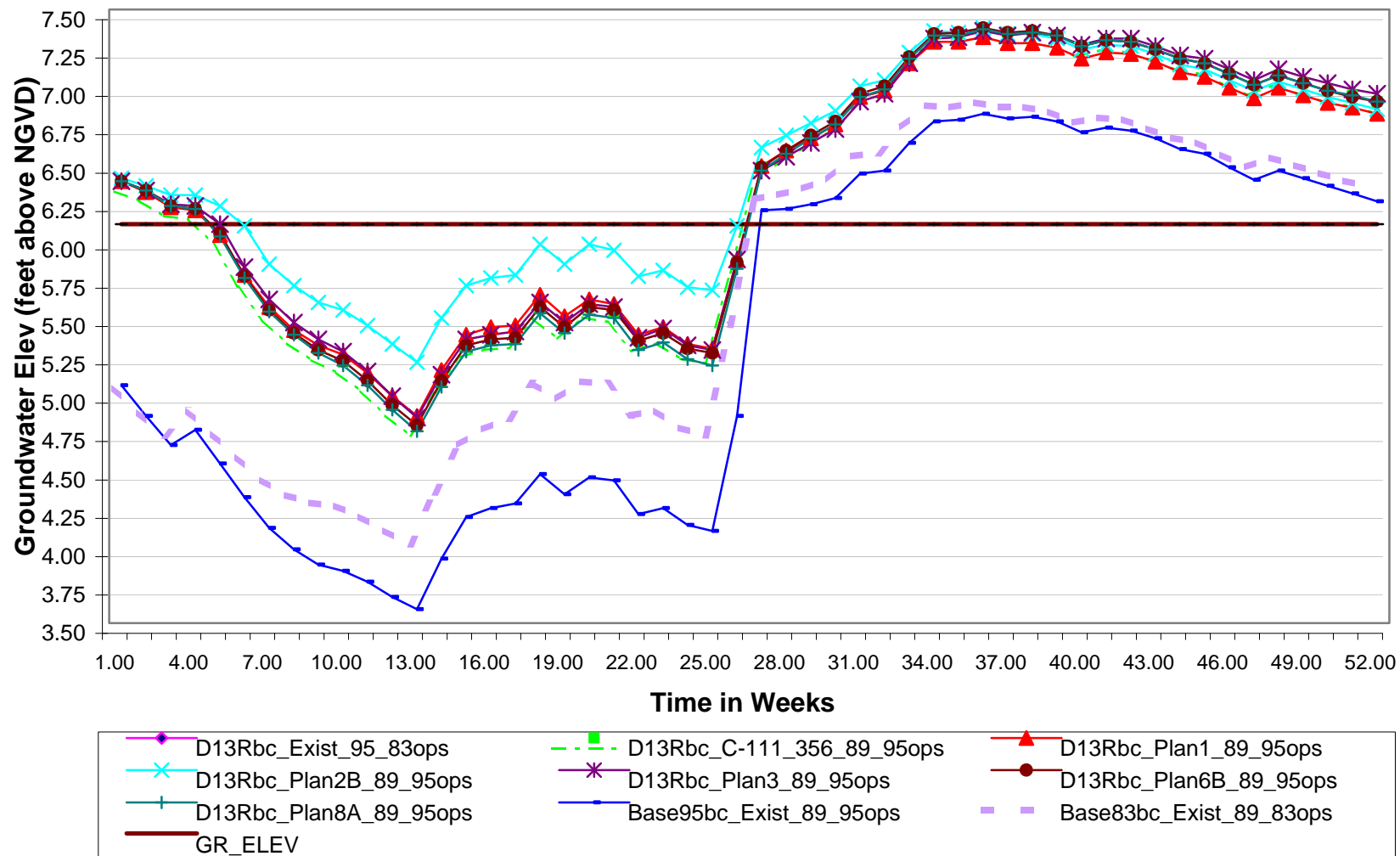
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20743 FIGURE 70**



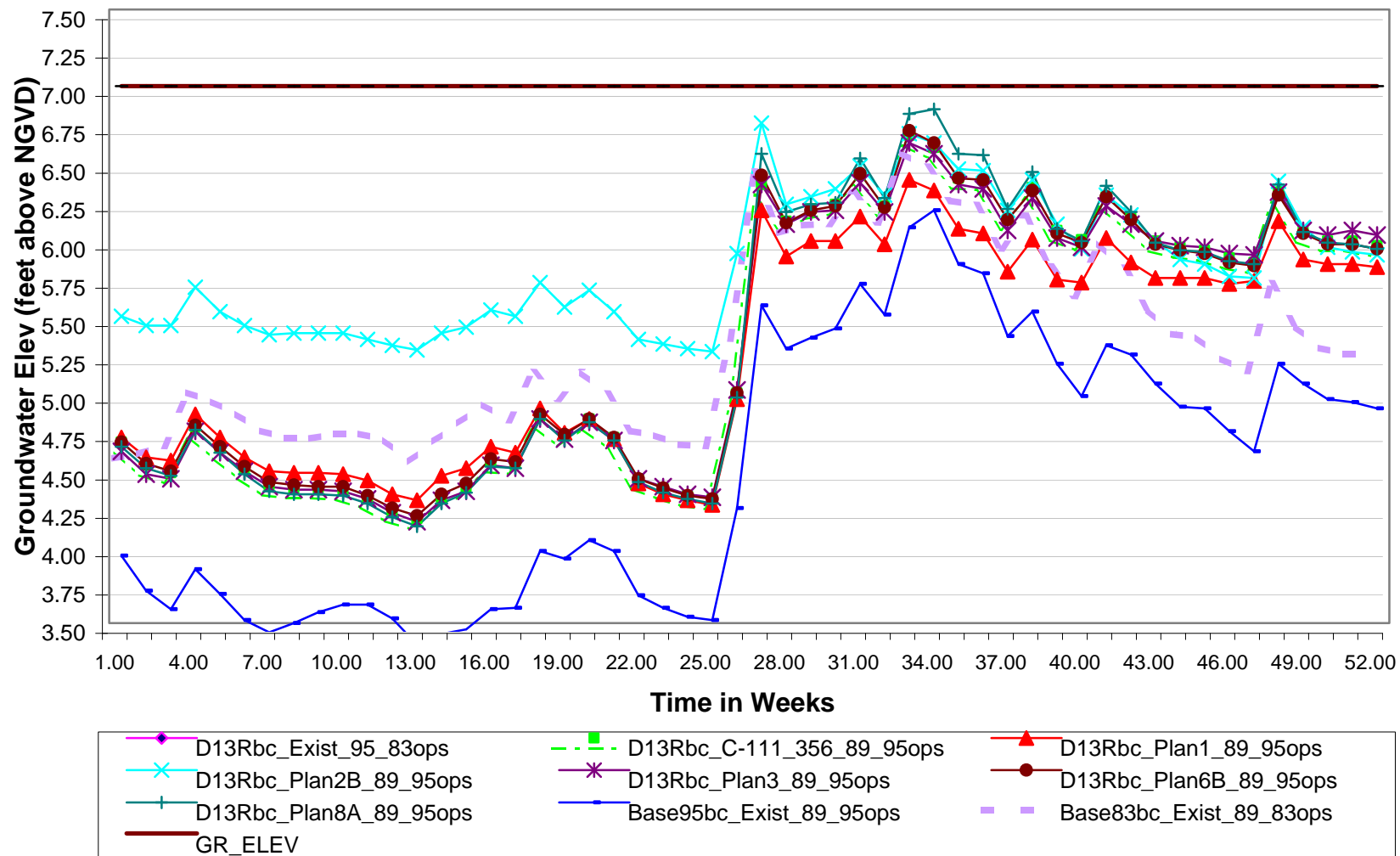
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20726 FIGURE 71**



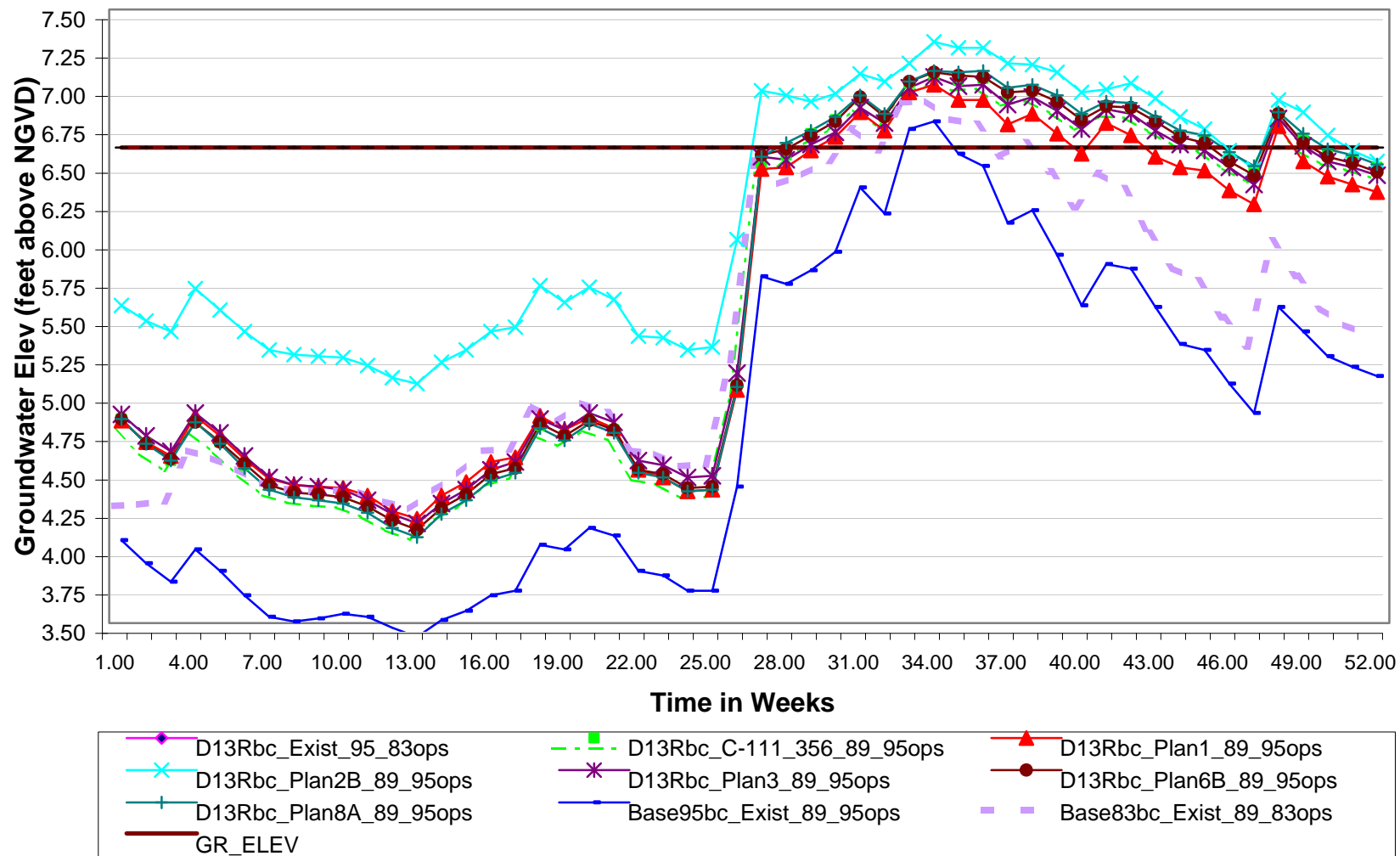
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20980 FIGURE 72**



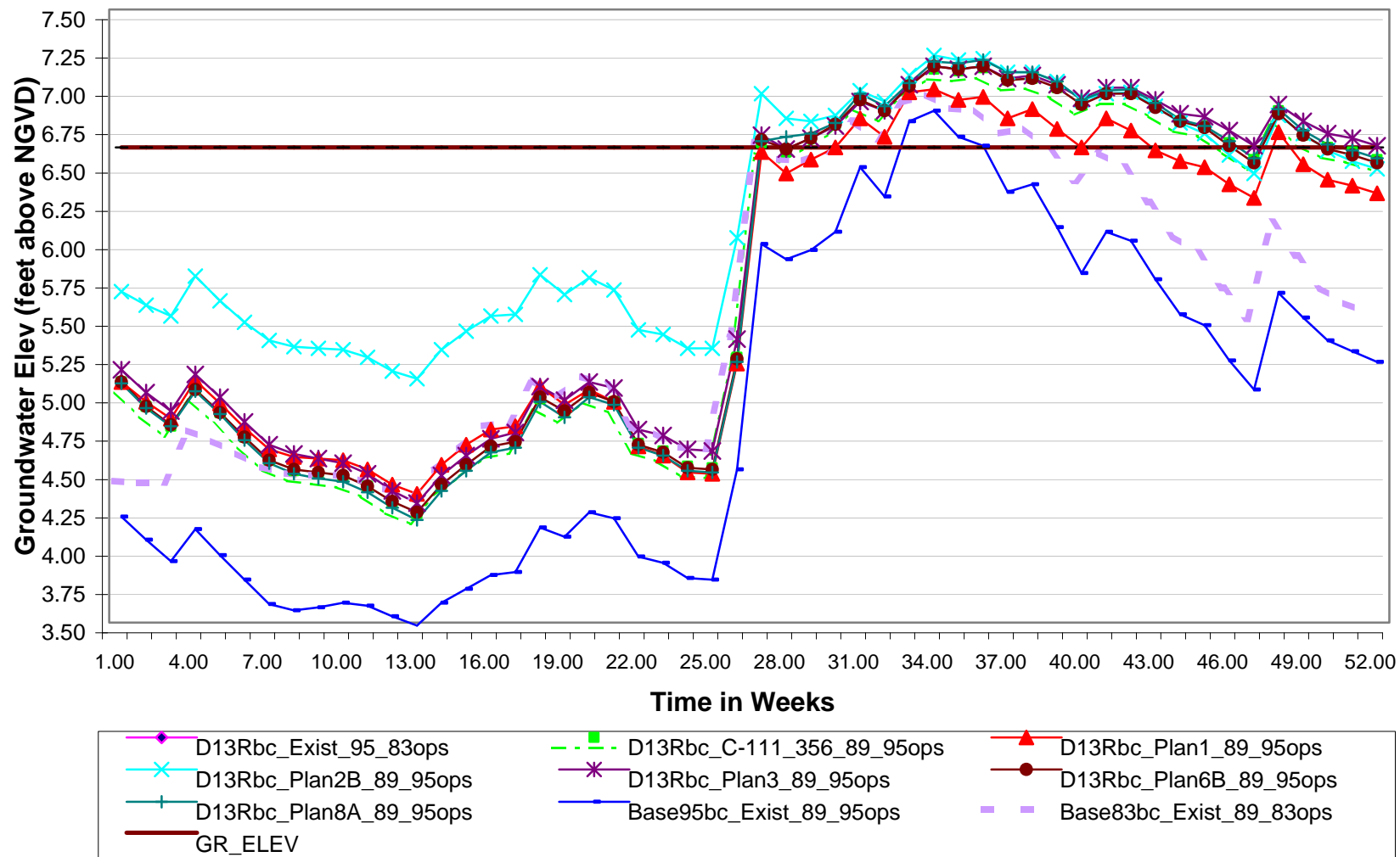
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21277 FIGURE 73**



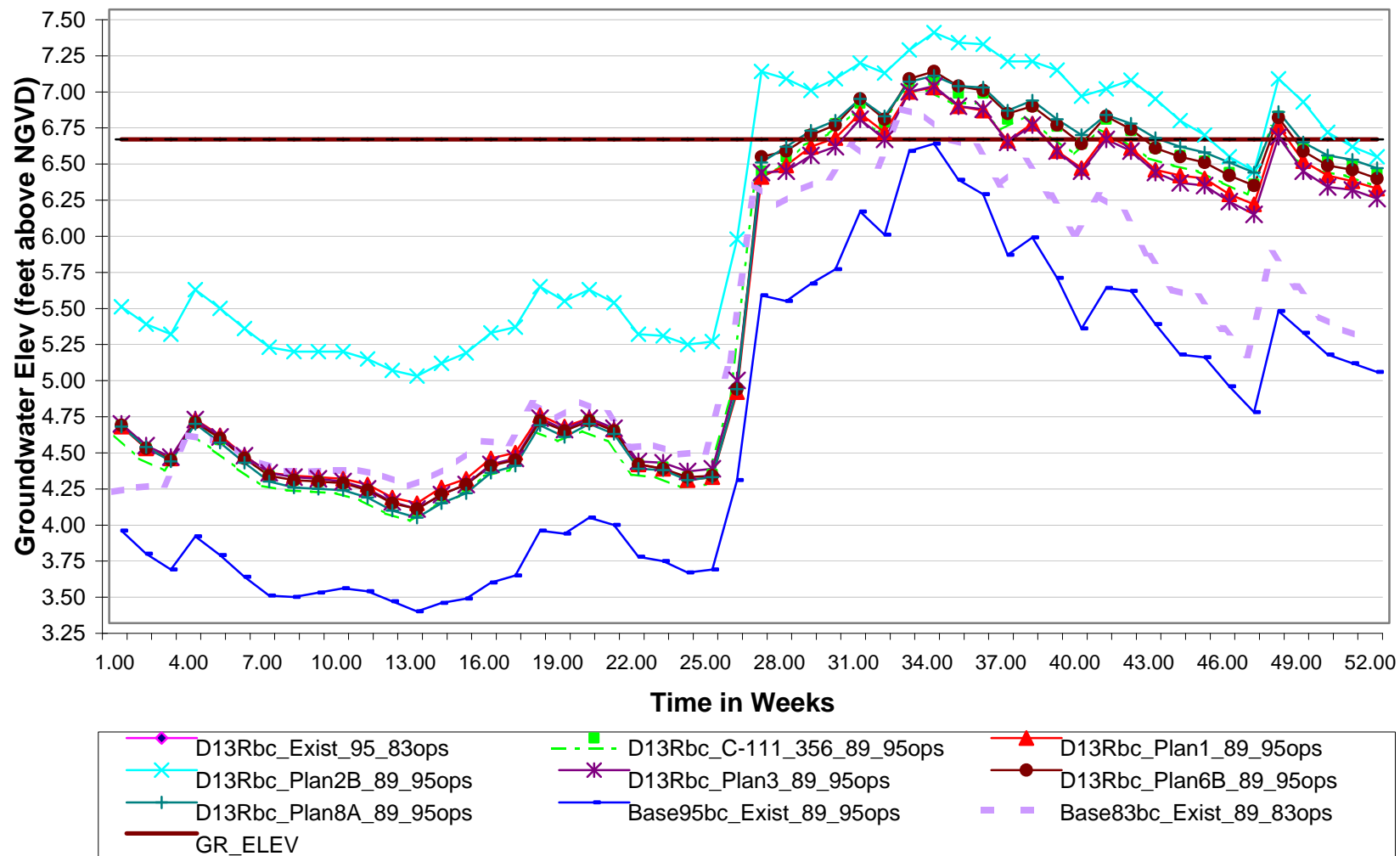
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21529 FIGURE 74**



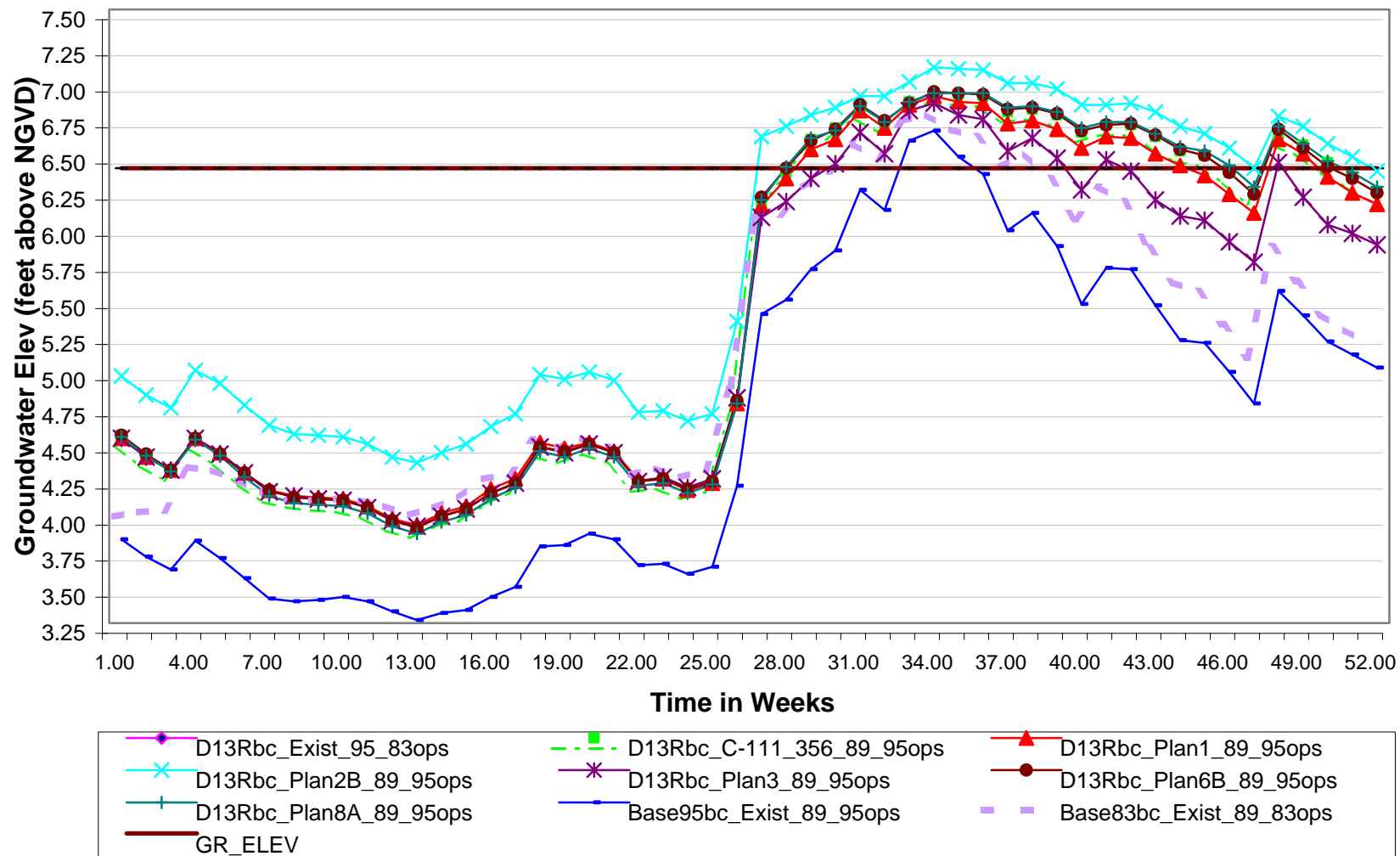
Model Hydrographs from Weekly Average Groundwater Stage at Cell 21259 FIGURE 75



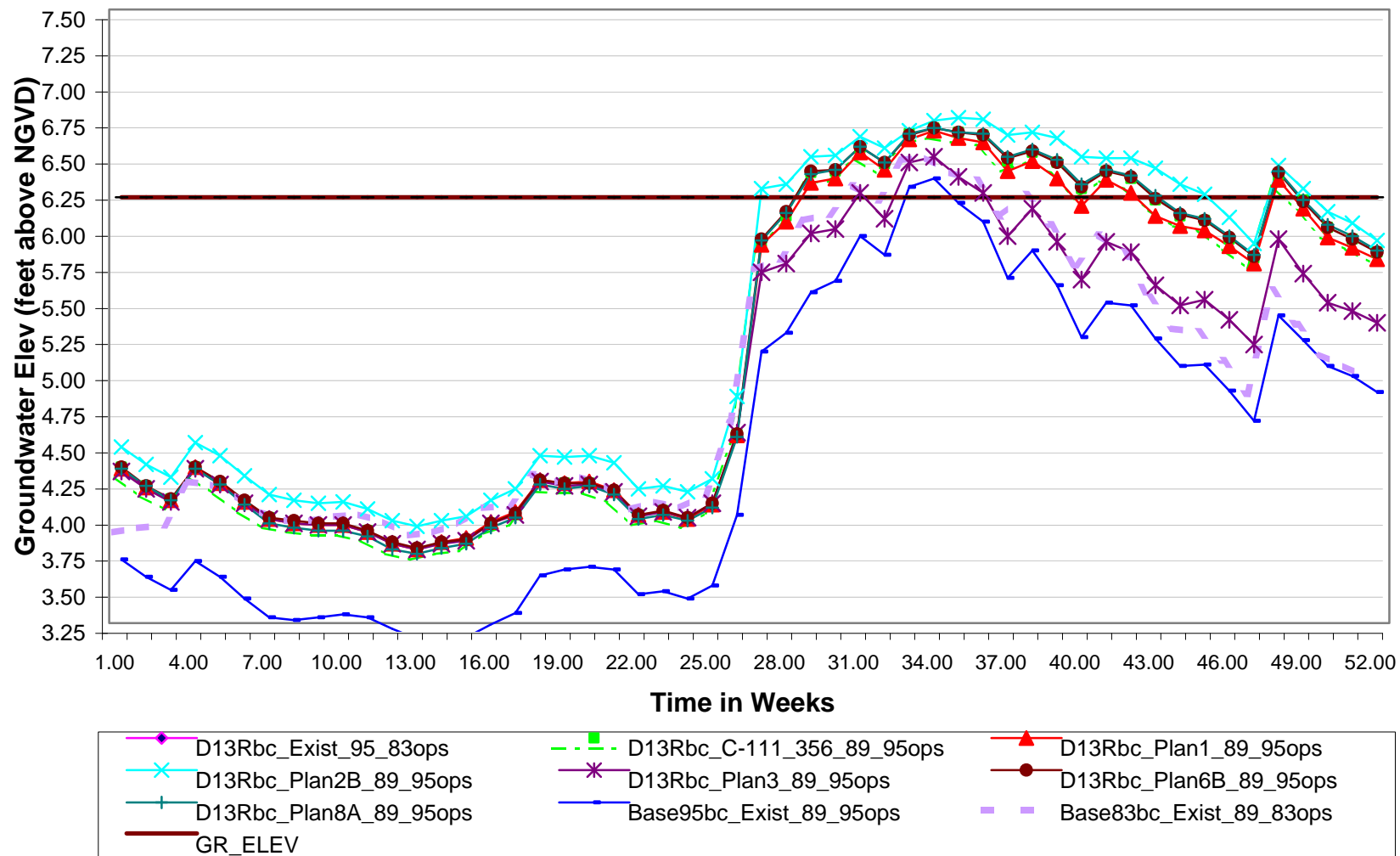
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21891 FIGURE 76**



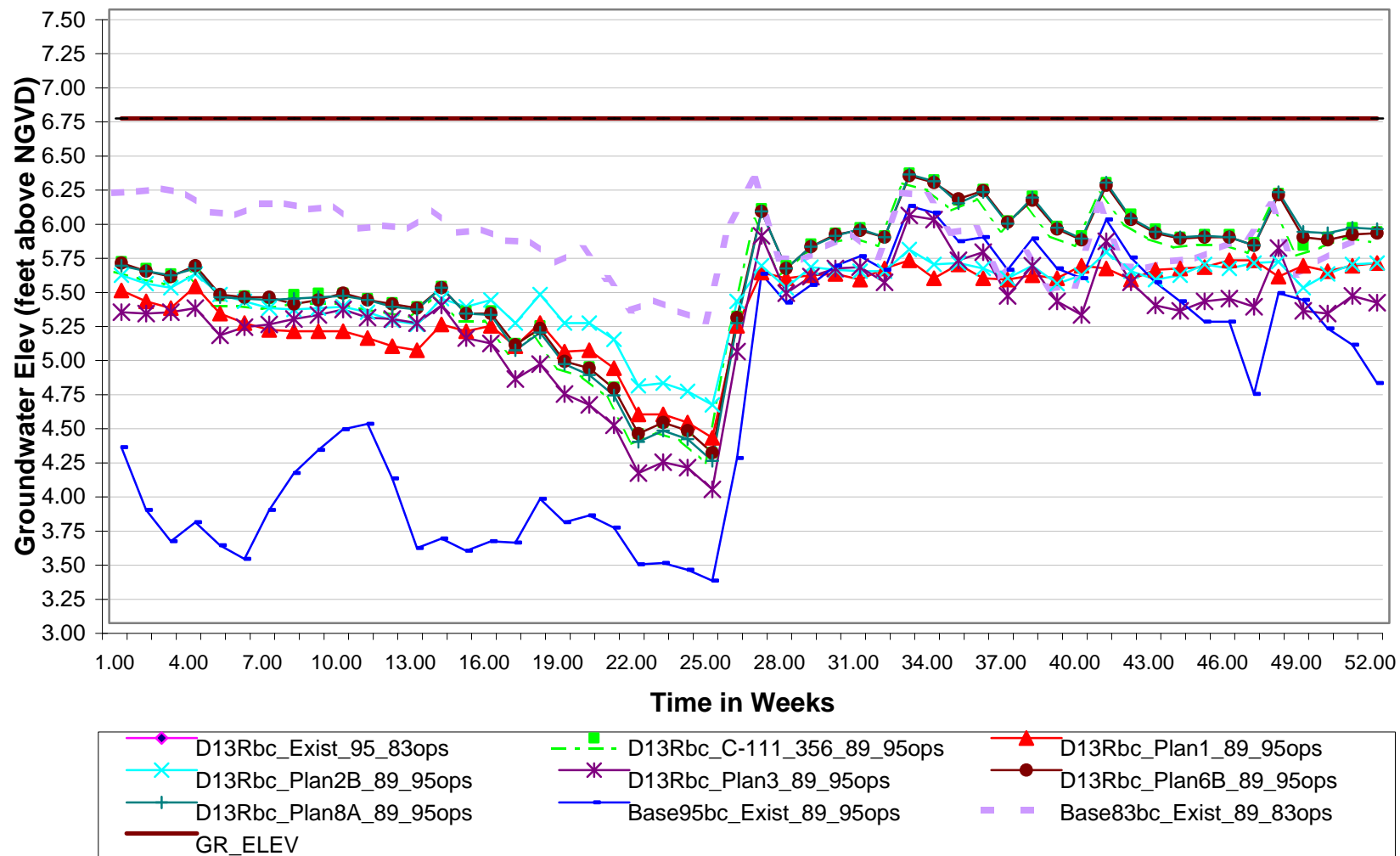
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
22335 FIGURE 77**



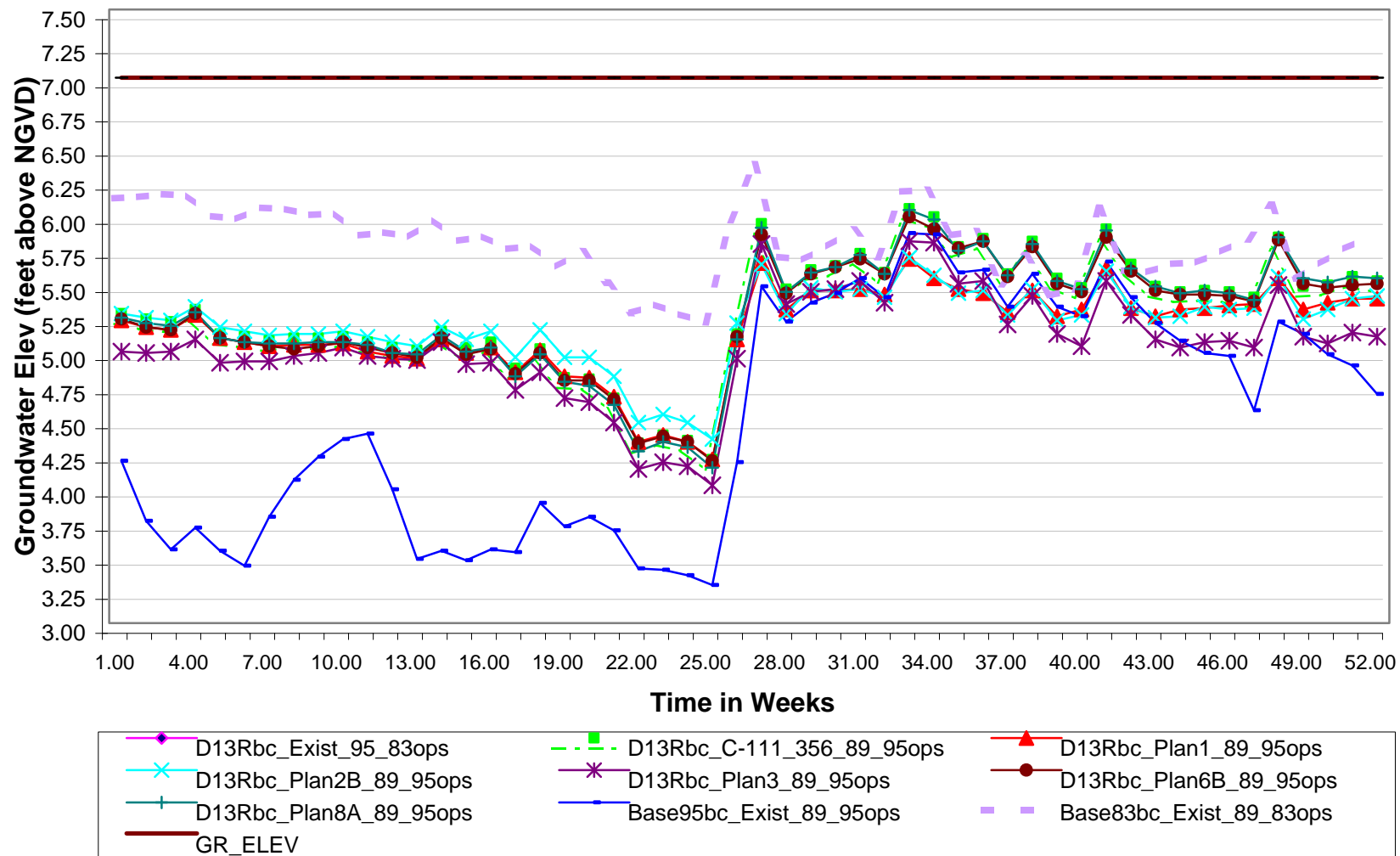
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
22325 FIGURE 78**



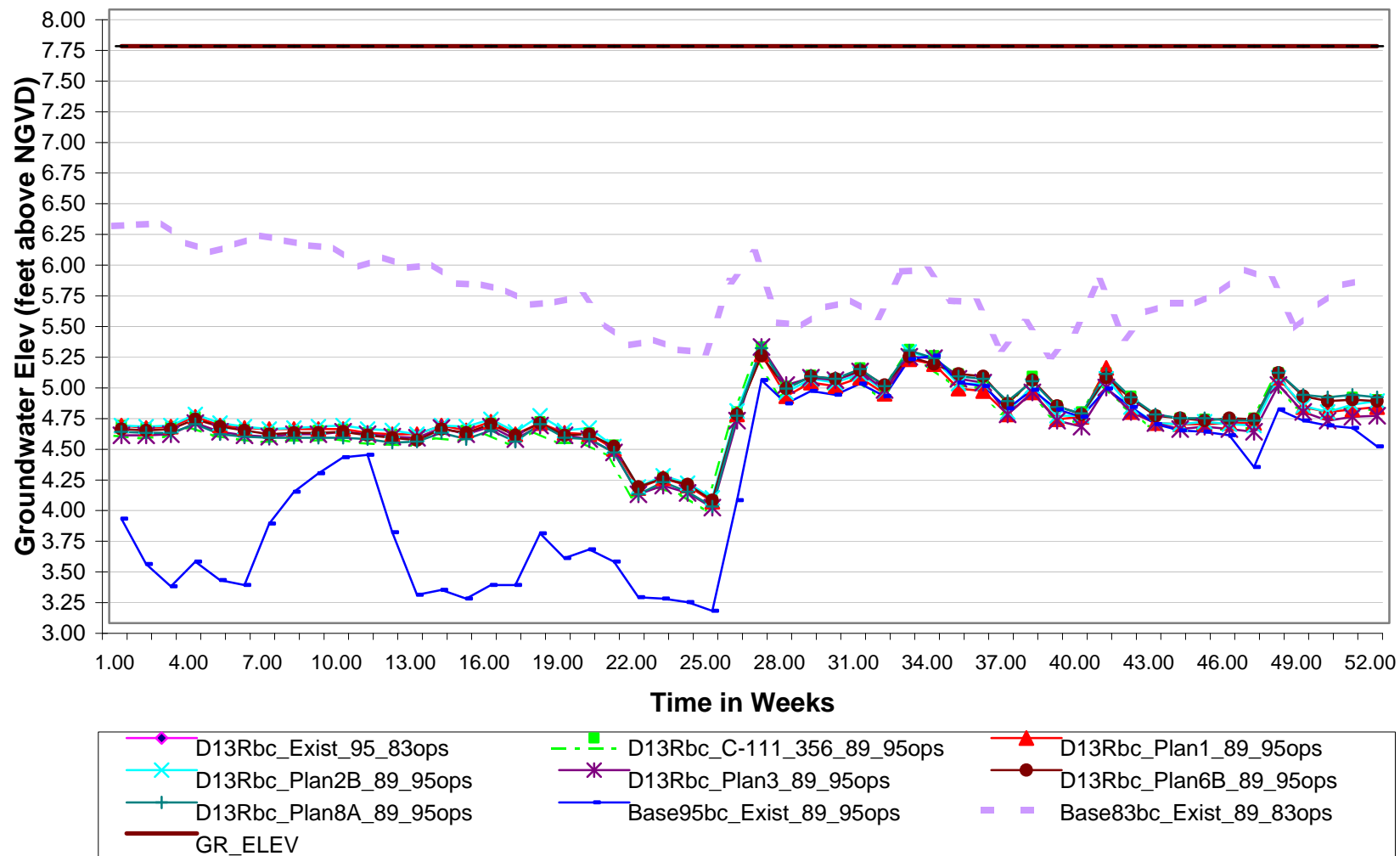
Model Hydrographs from Weekly Average Groundwater Stage at Cell 20297 FIGURE 79



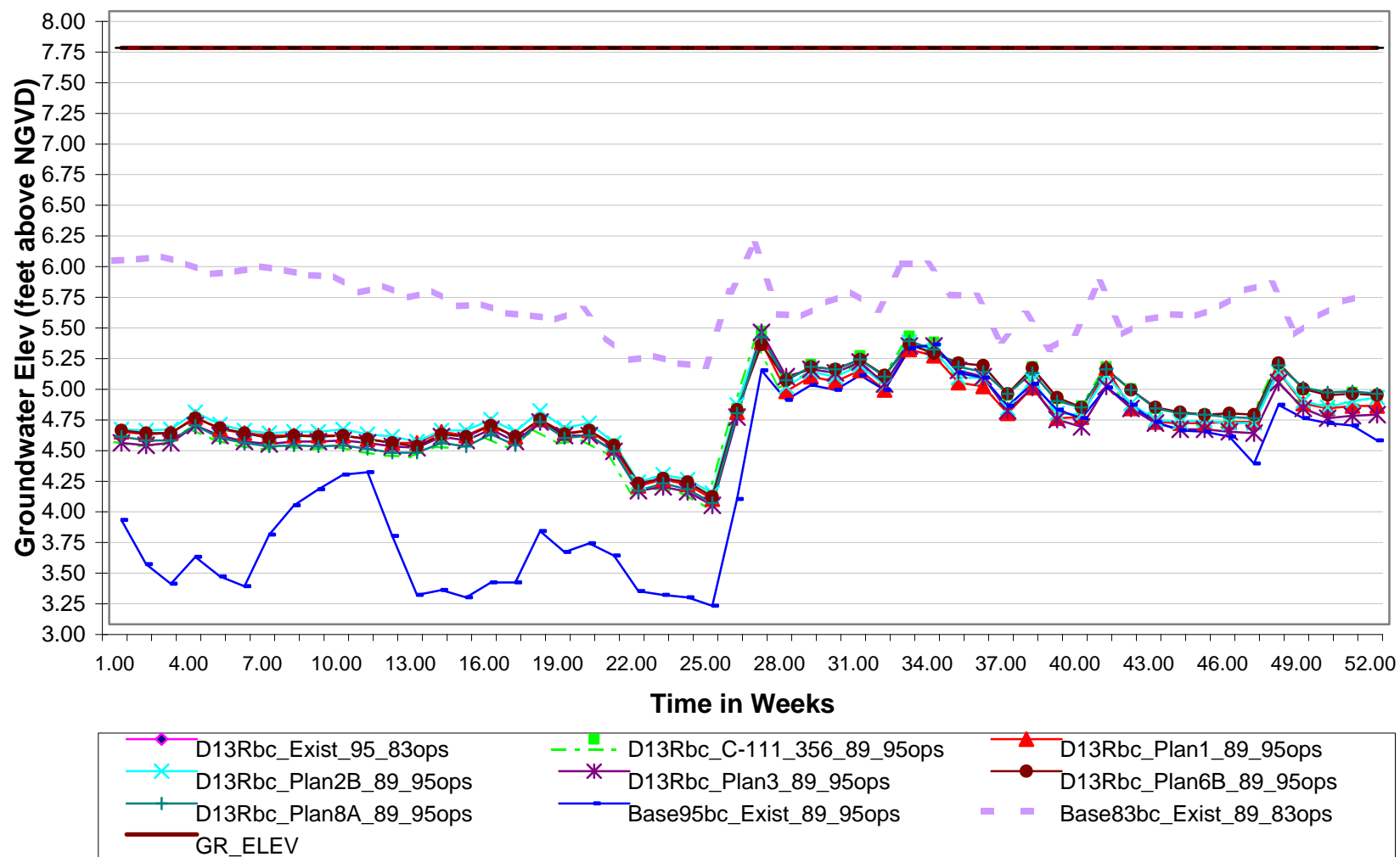
Model Hydrographs from Weekly Average Groundwater Stage at Cell 20477 FIGURE 80



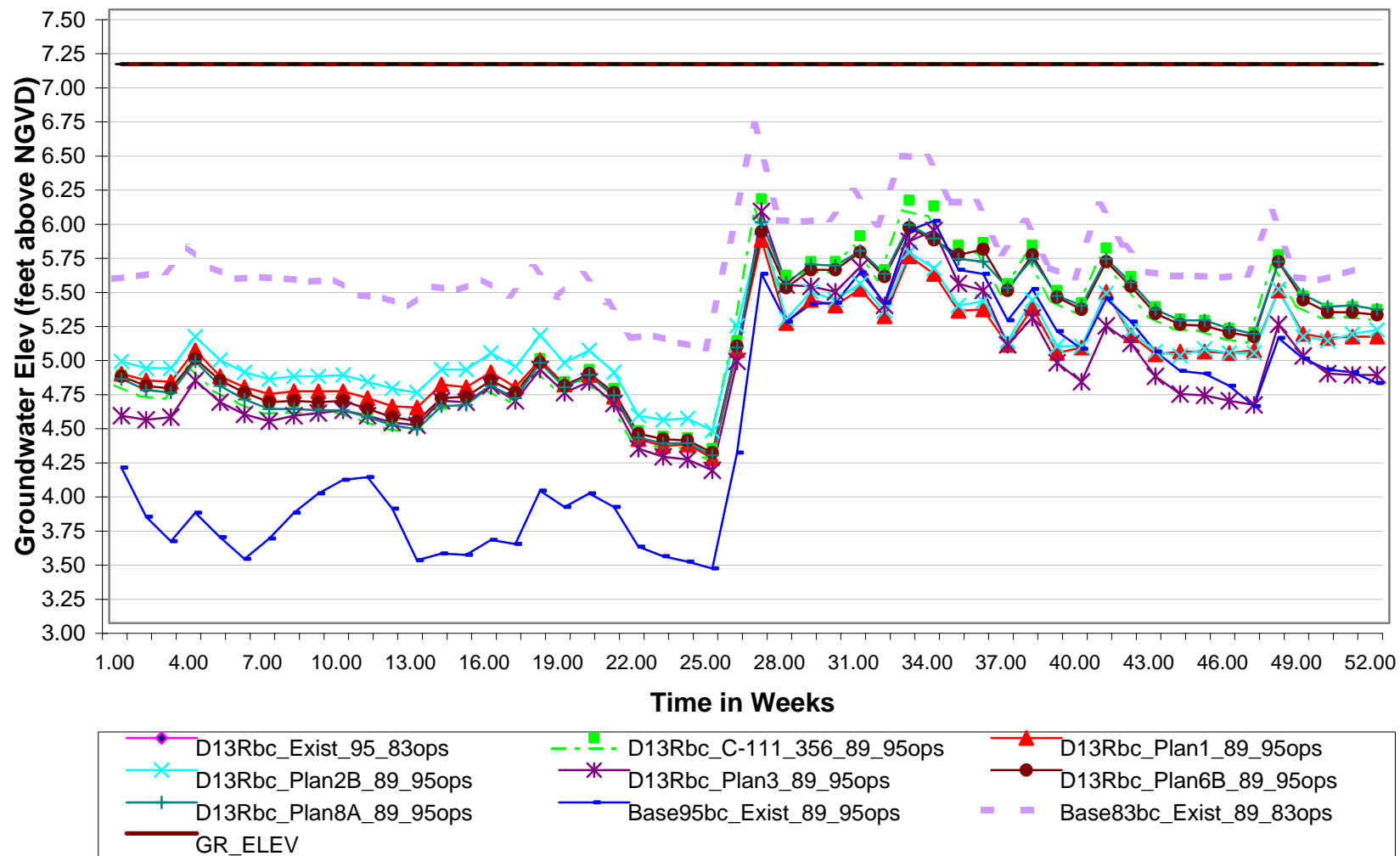
20838 **FIGURE 81**



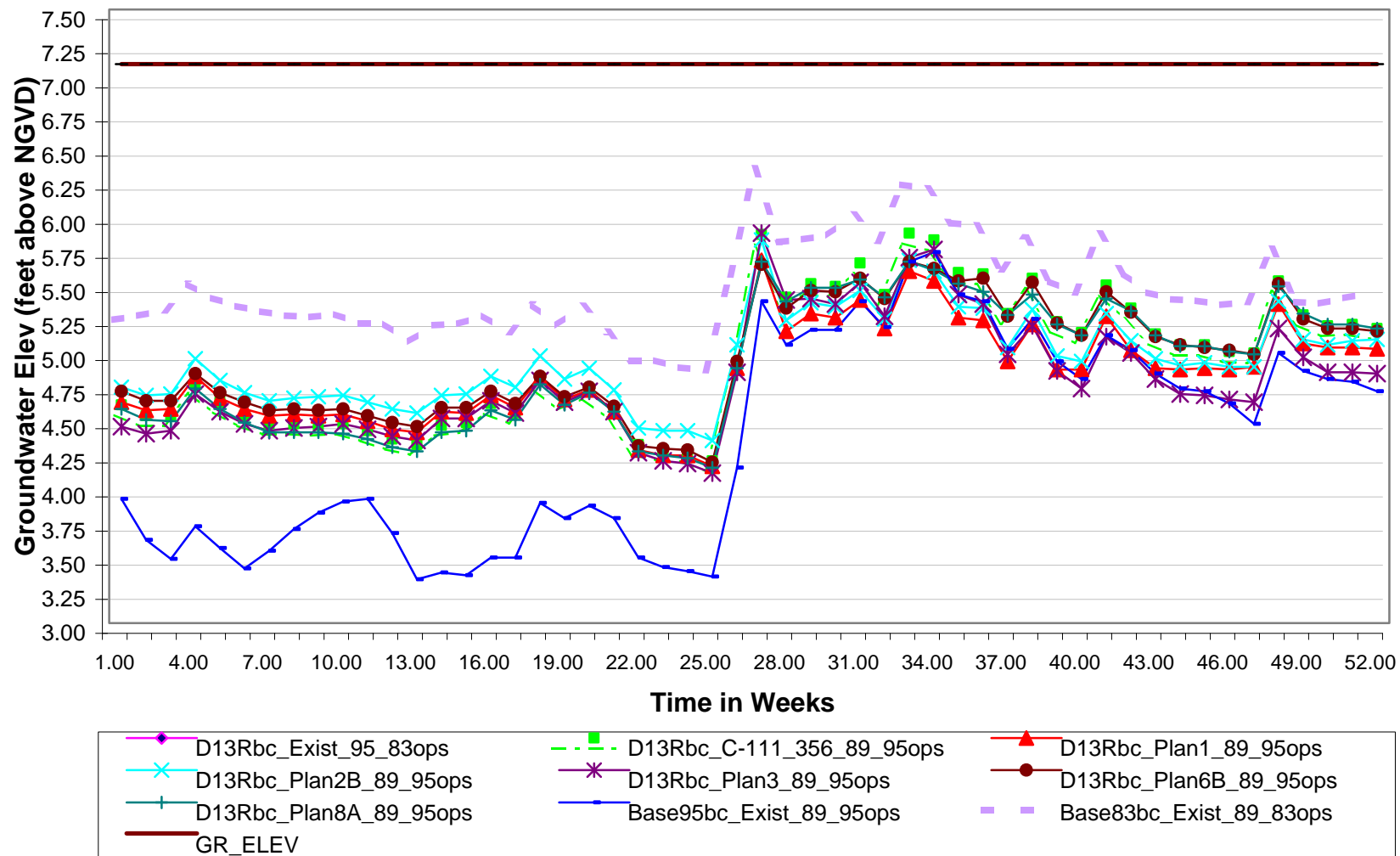
21017 **FIGURE 82**



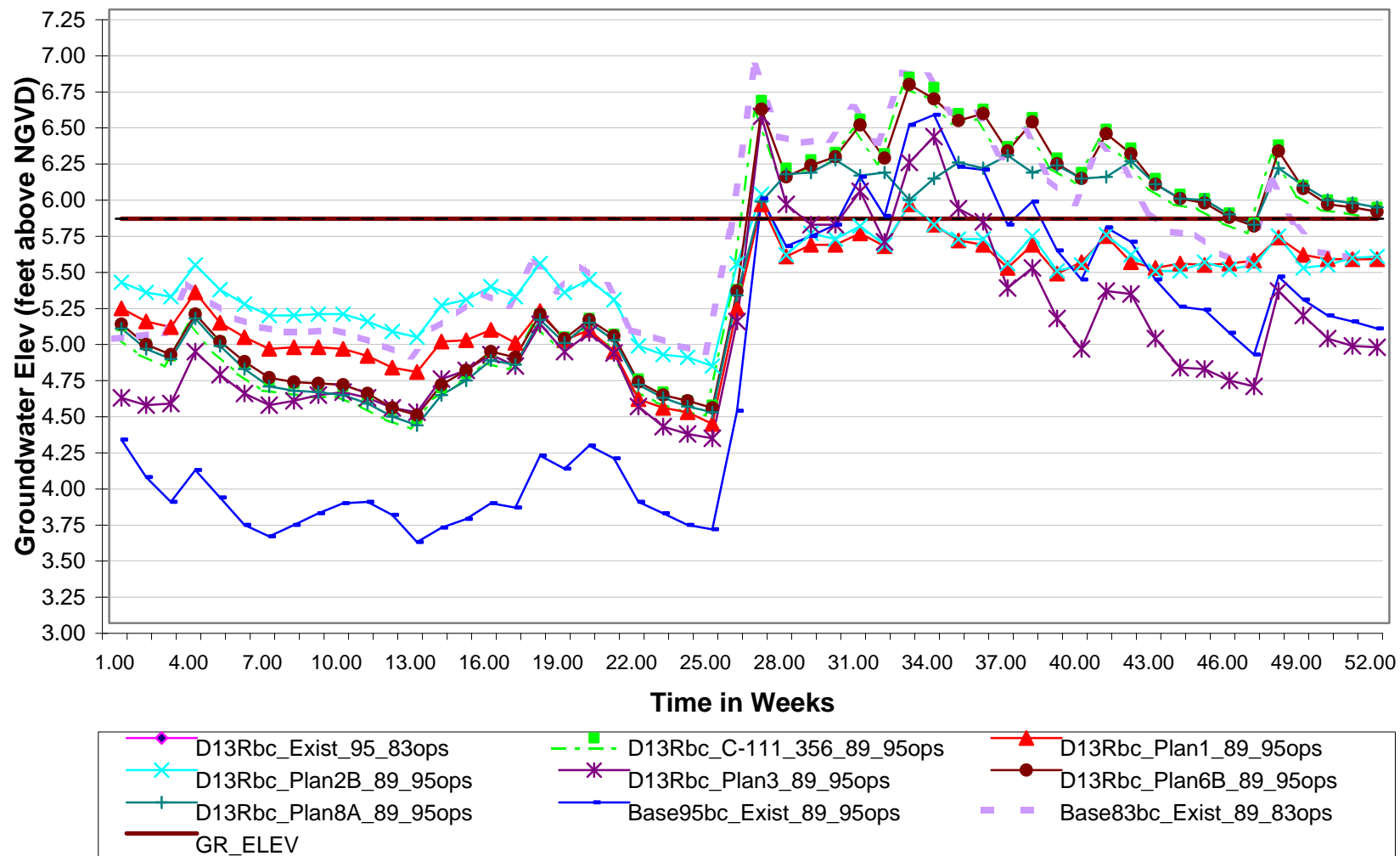
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20925 FIGURE 83**



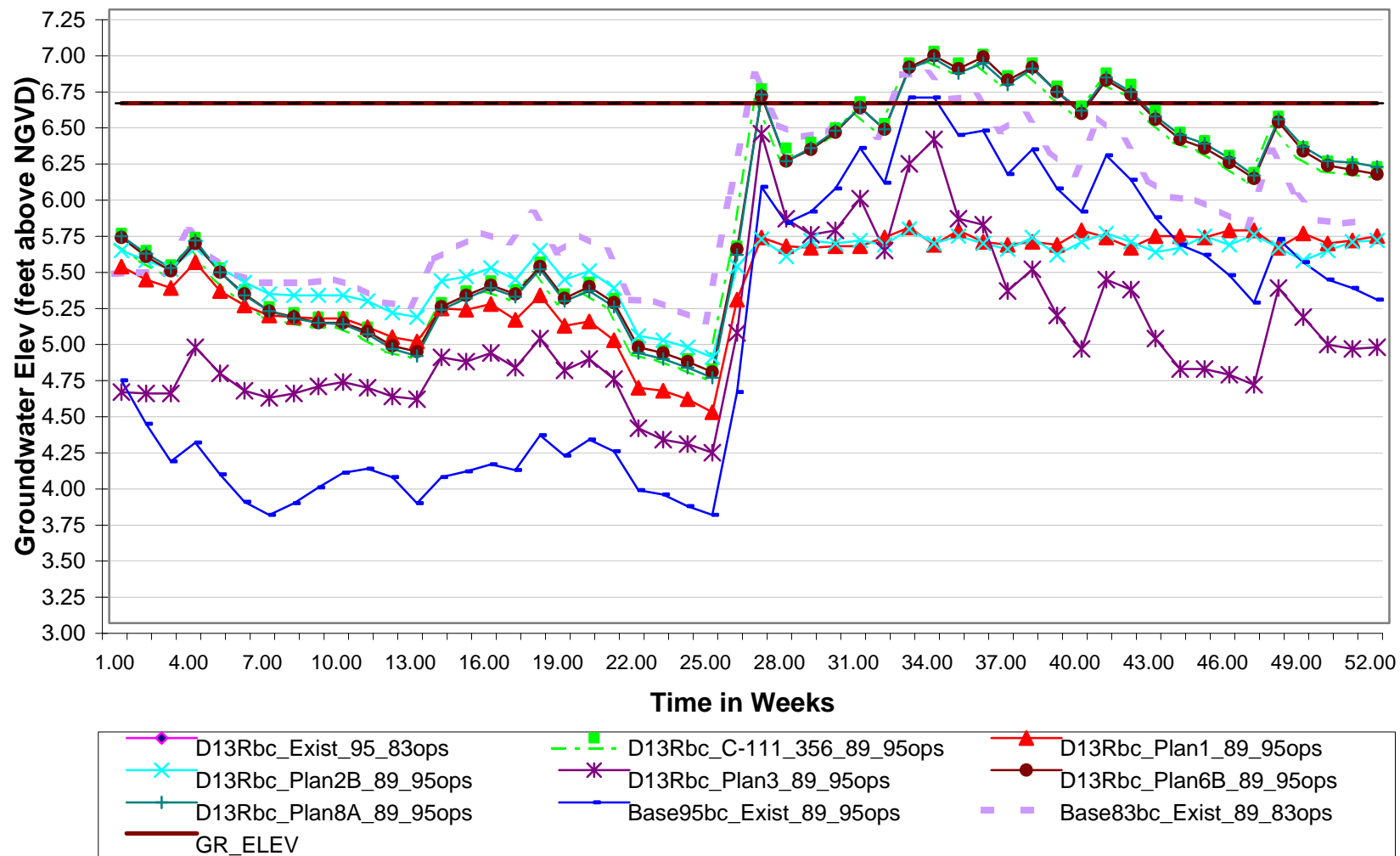
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21105 FIGURE 84**



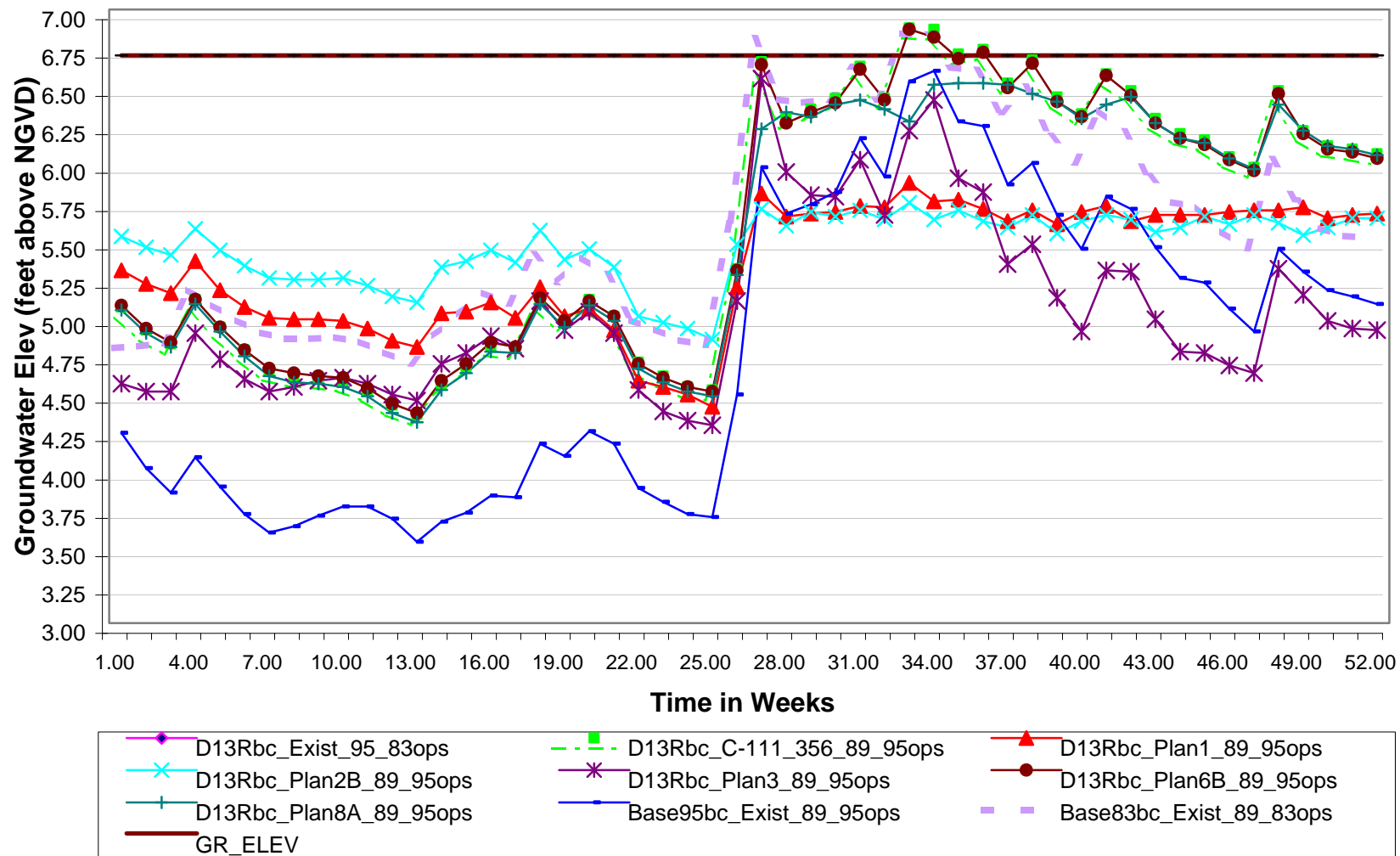
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21007 FIGURE 85**



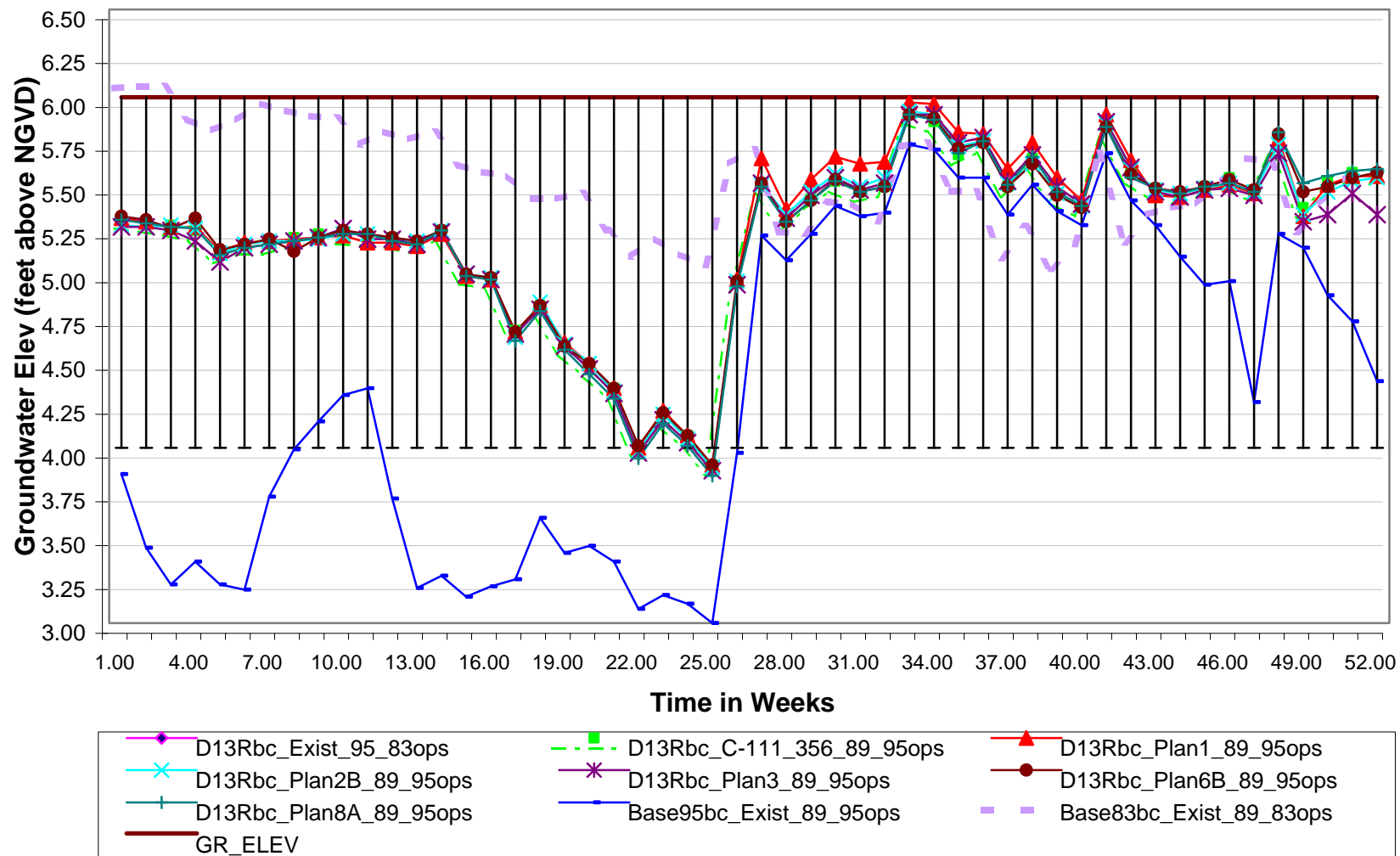
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20469 FIGURE 86**



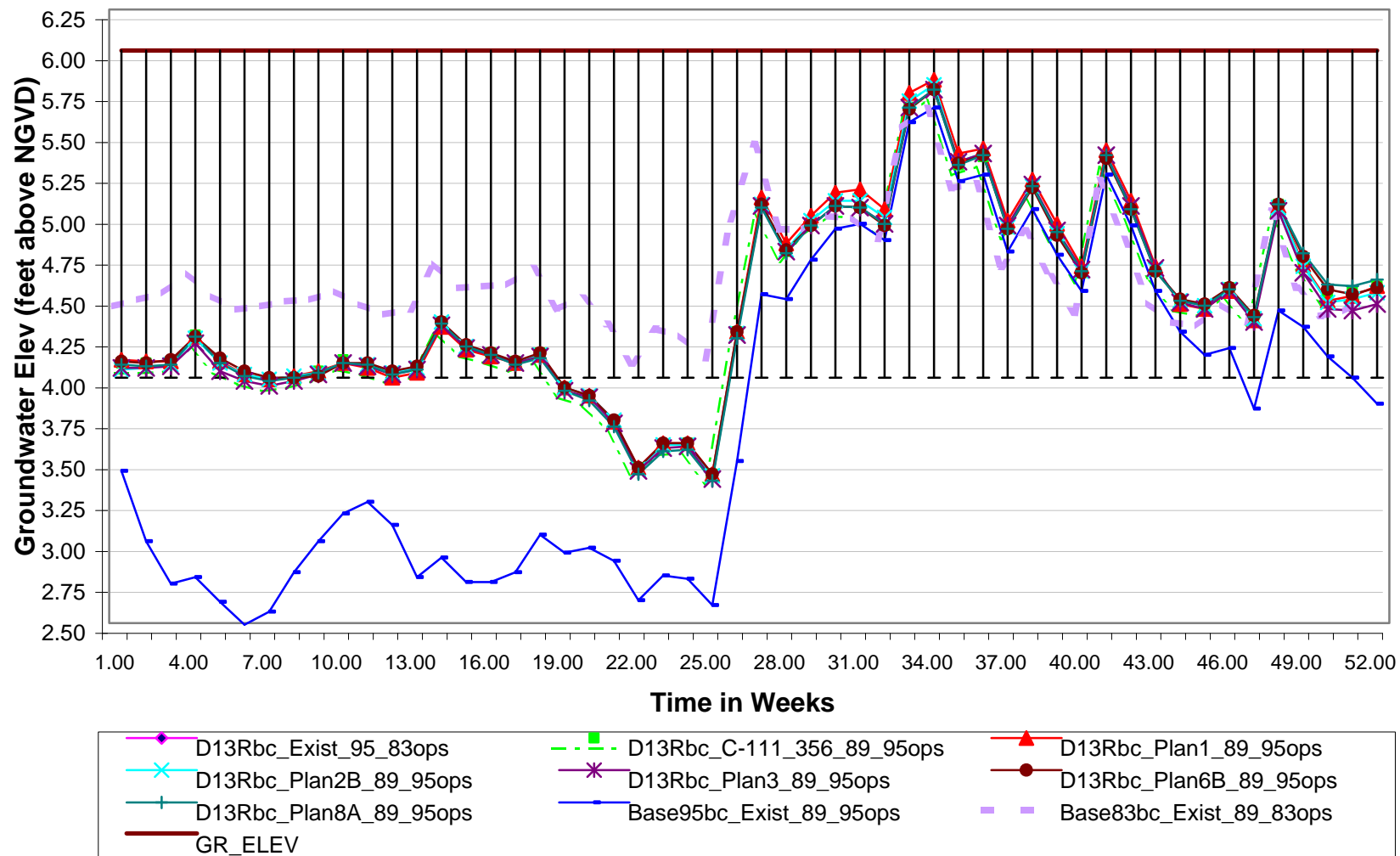
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21094 FIGURE 87**

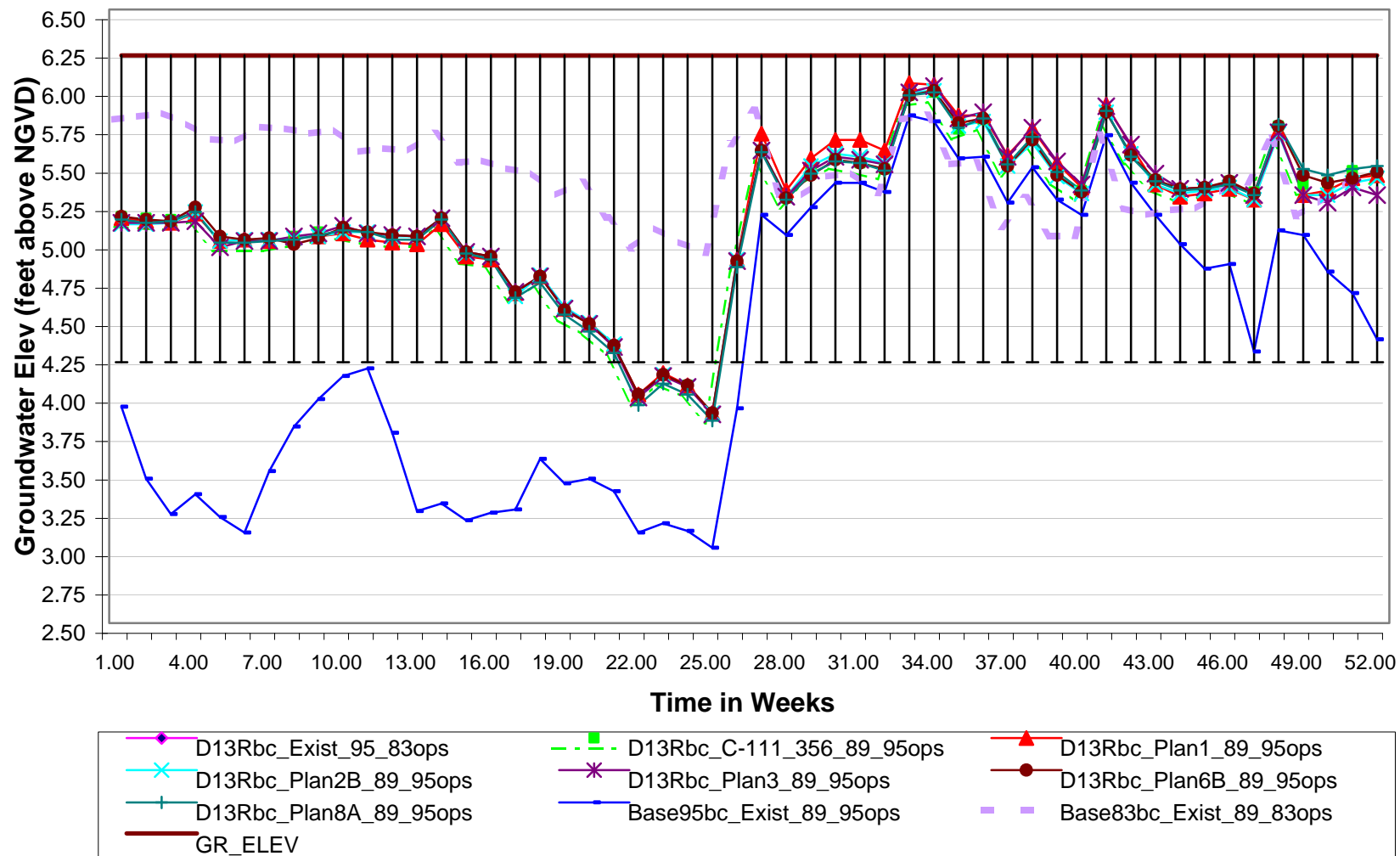


19761 **FIGURE 88**

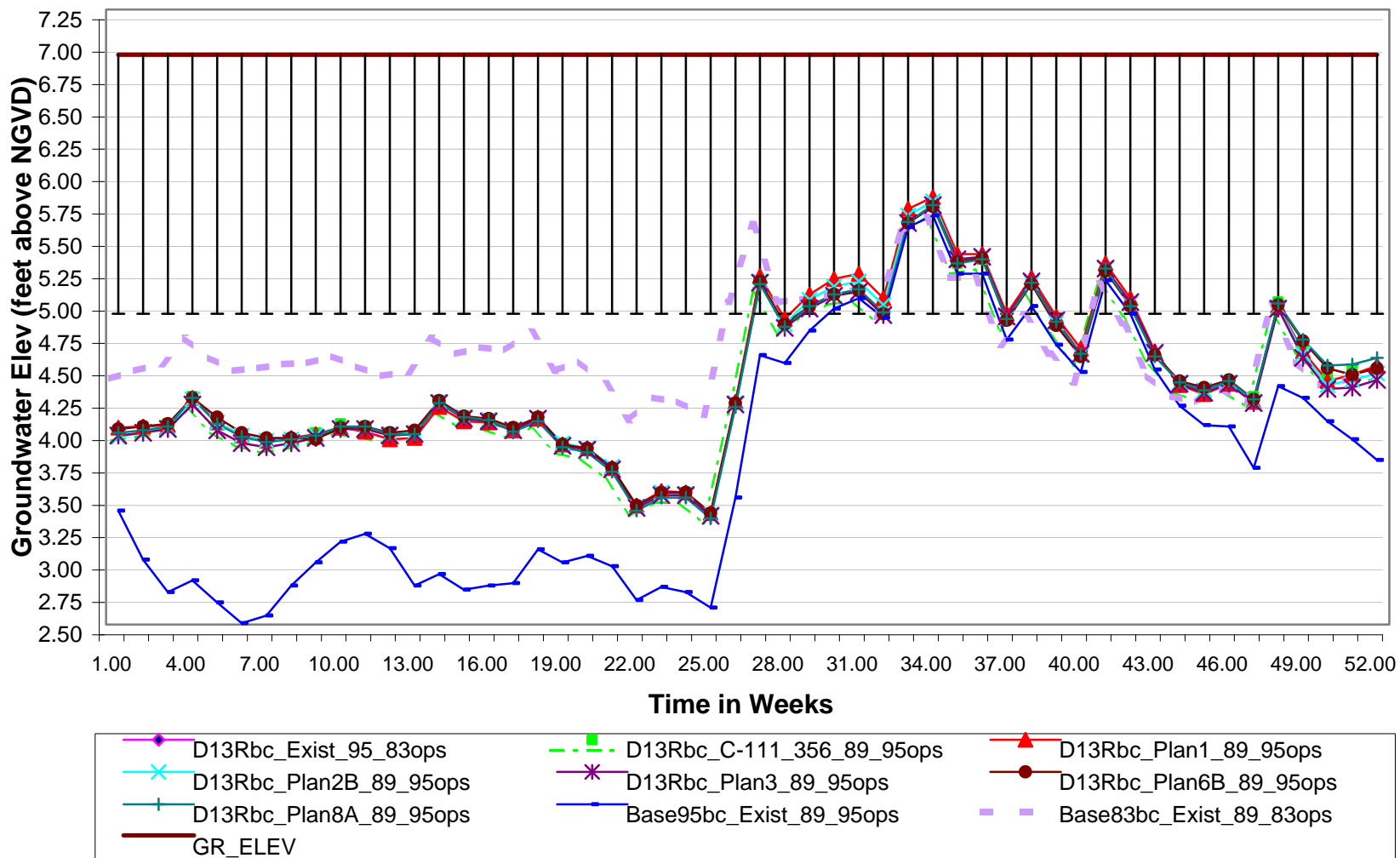


**Model Hydrographs from Weekly Average Groundwater Stage at Cell
19766 FIGURE 89**

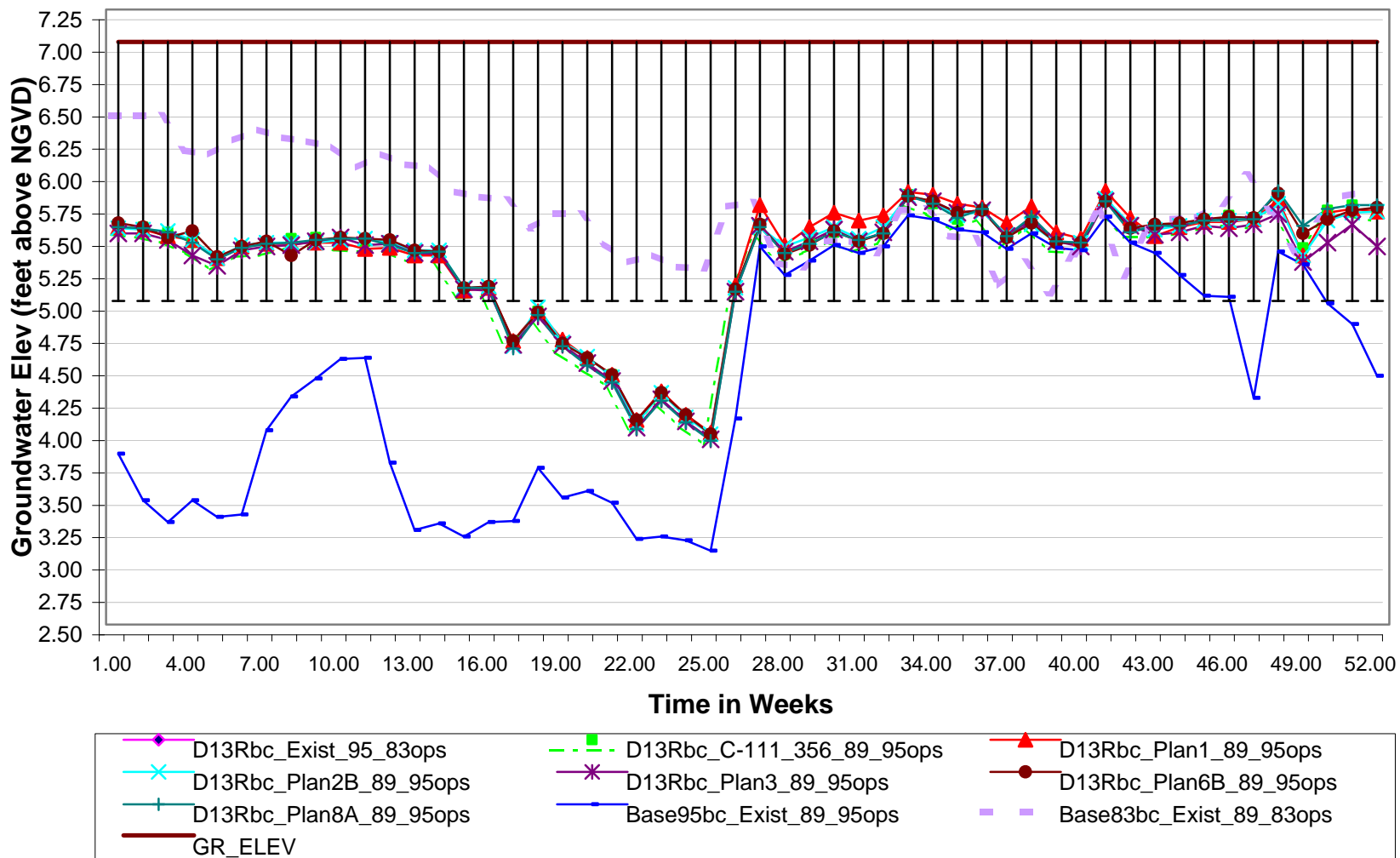


20031 **FIGURE 90**

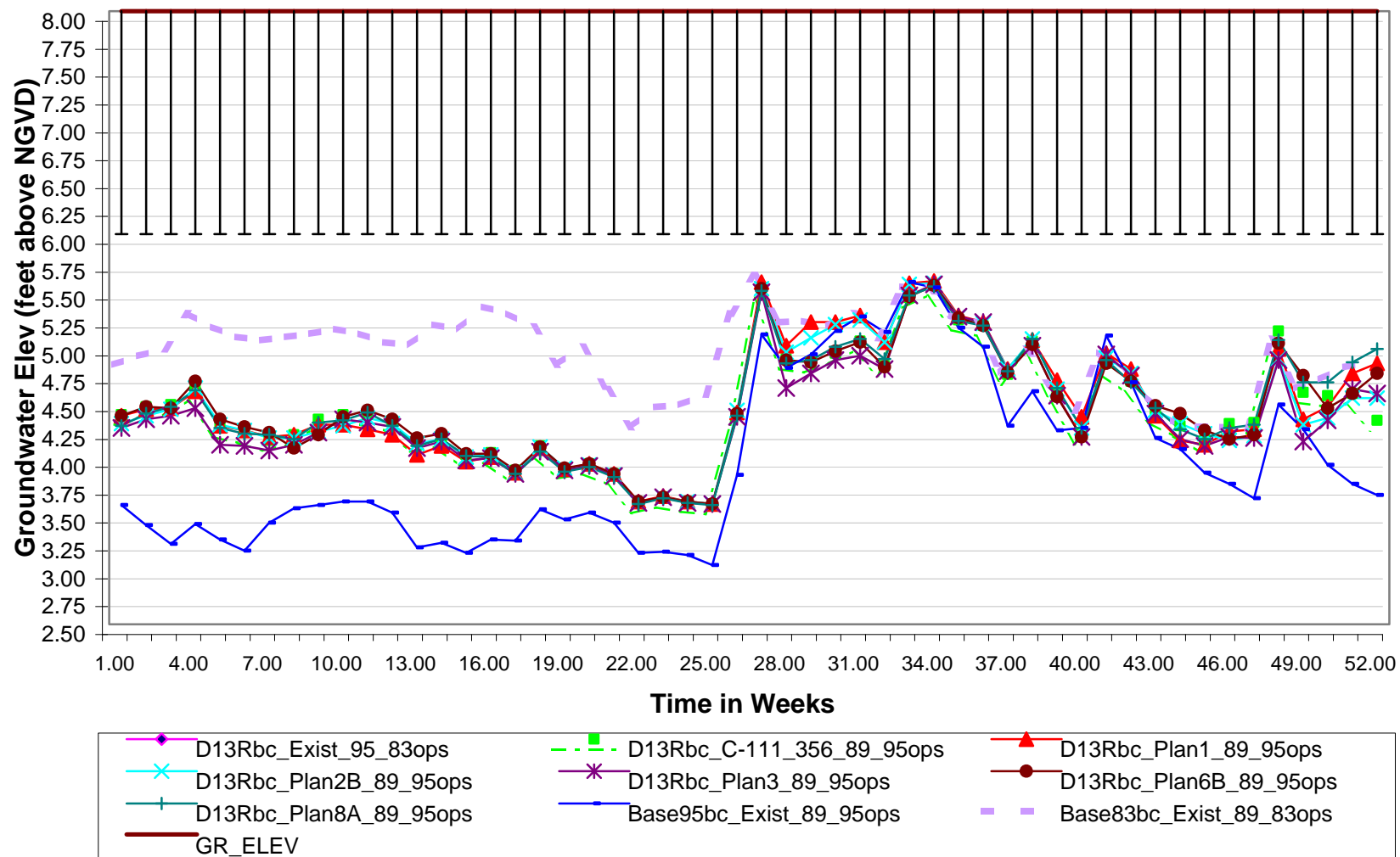
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20036 FIGURE 91**



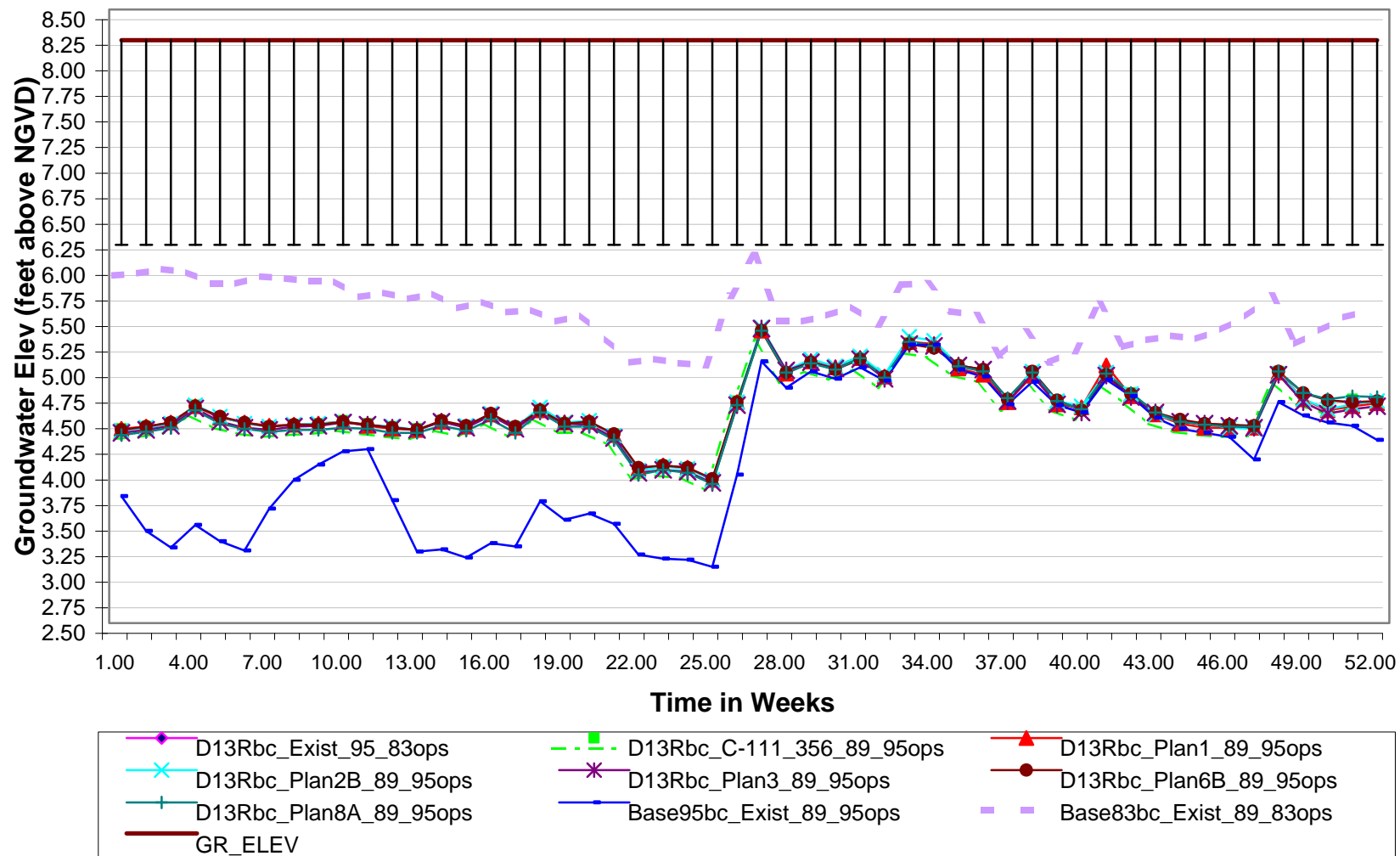
20390 **FIGURE 92**



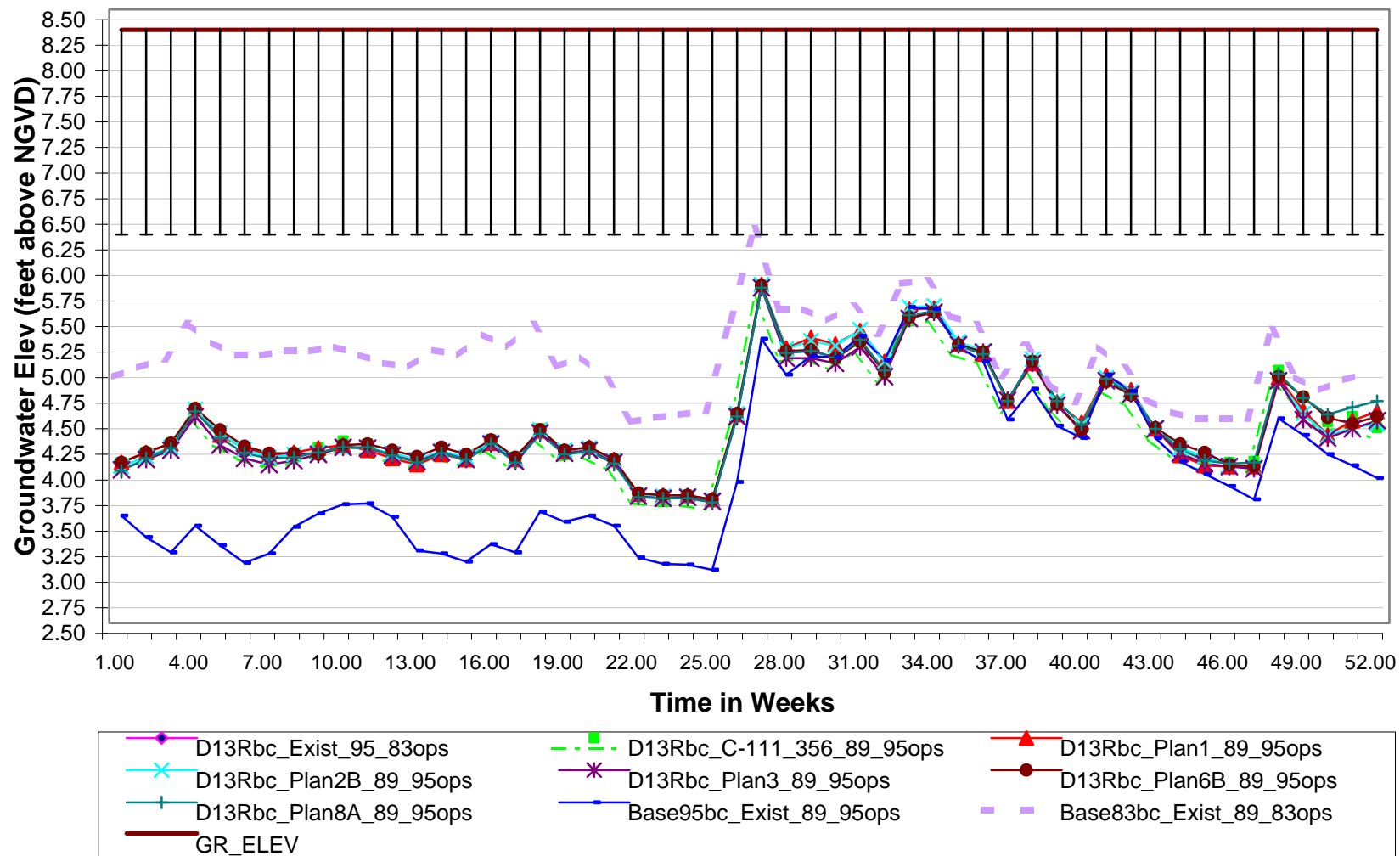
Model Hydrographs from Weekly Average Groundwater Stage at Cell 20396 FIGURE 93



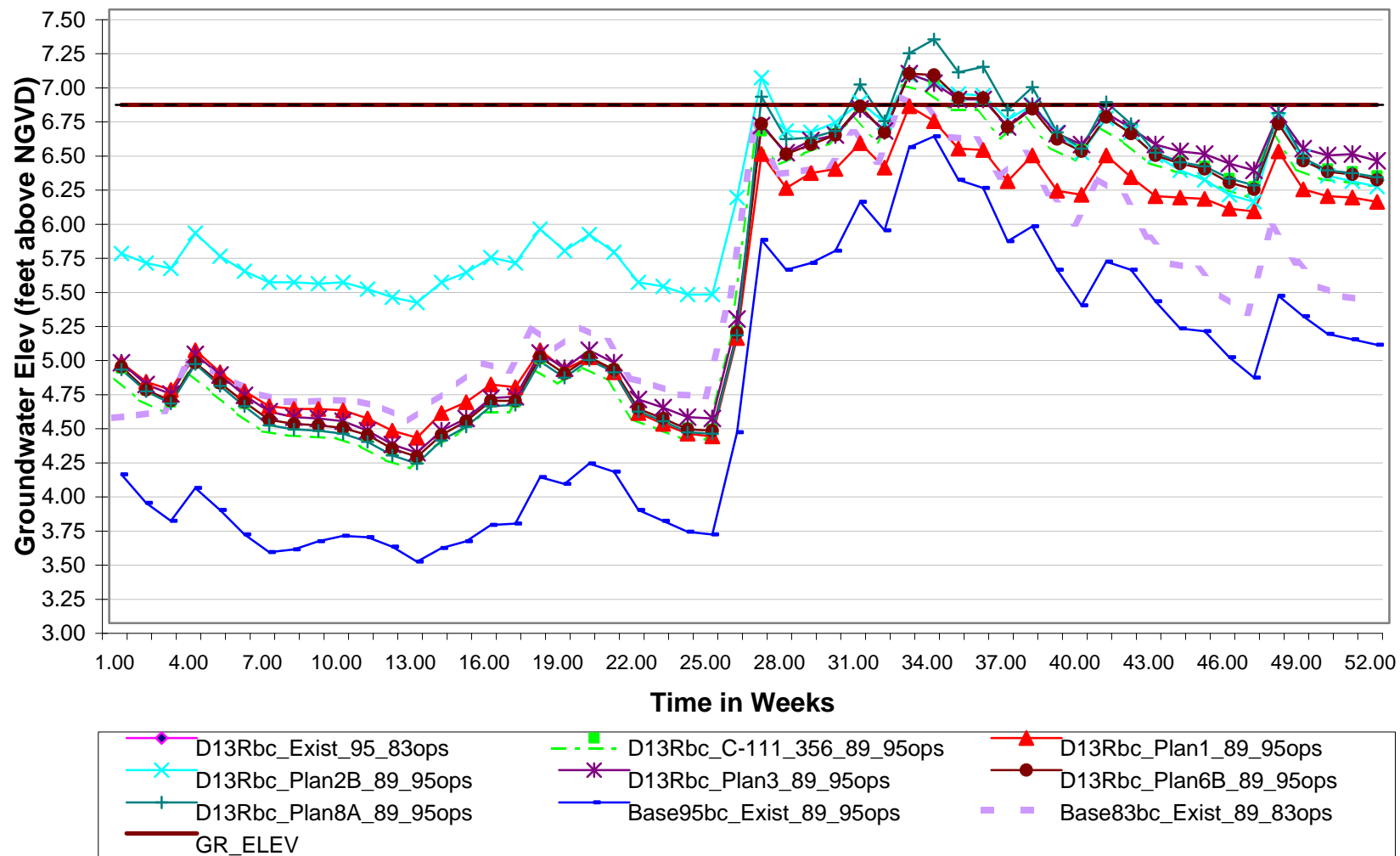
20931 **FIGURE 94**



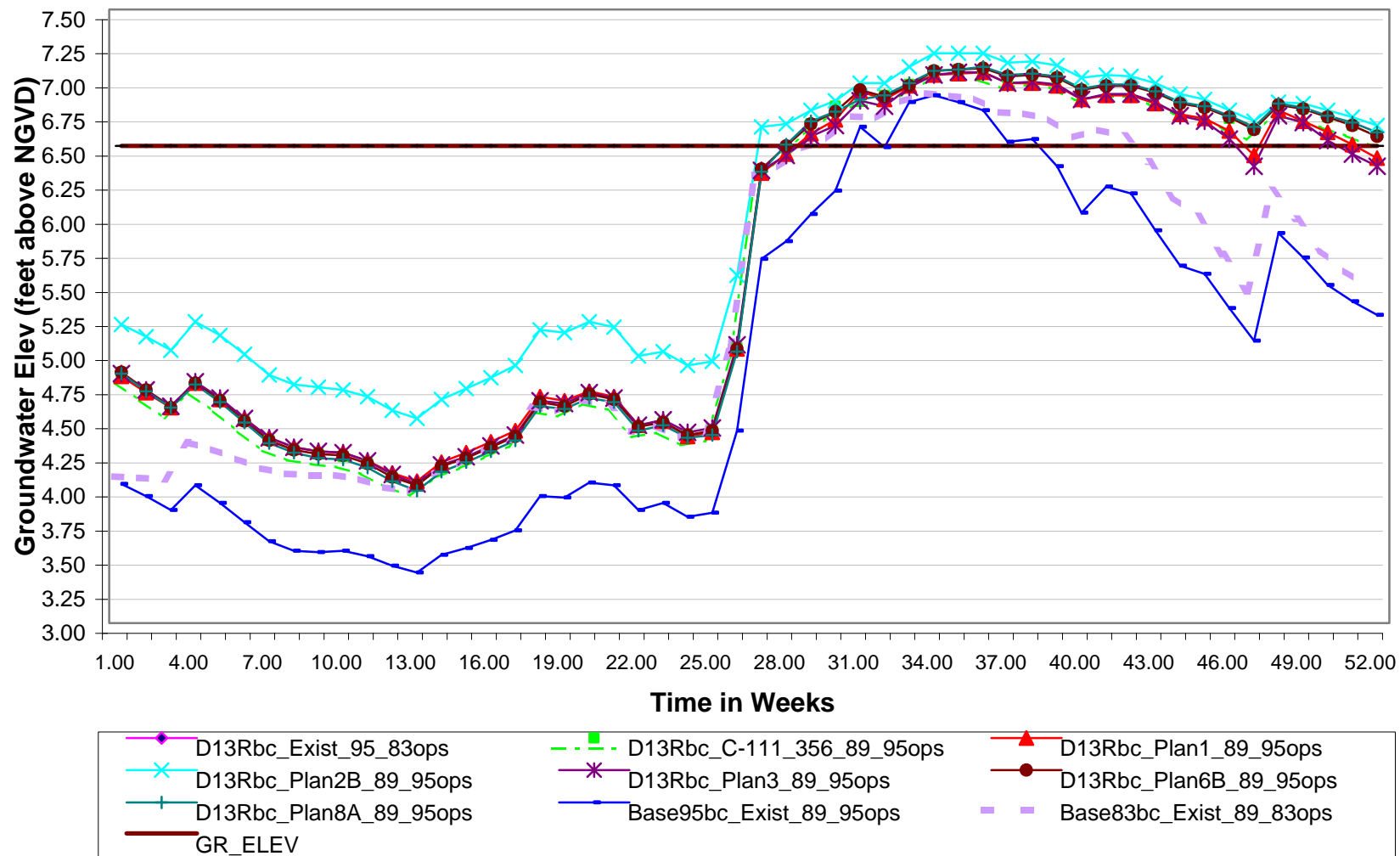
20936 **FIGURE 95**



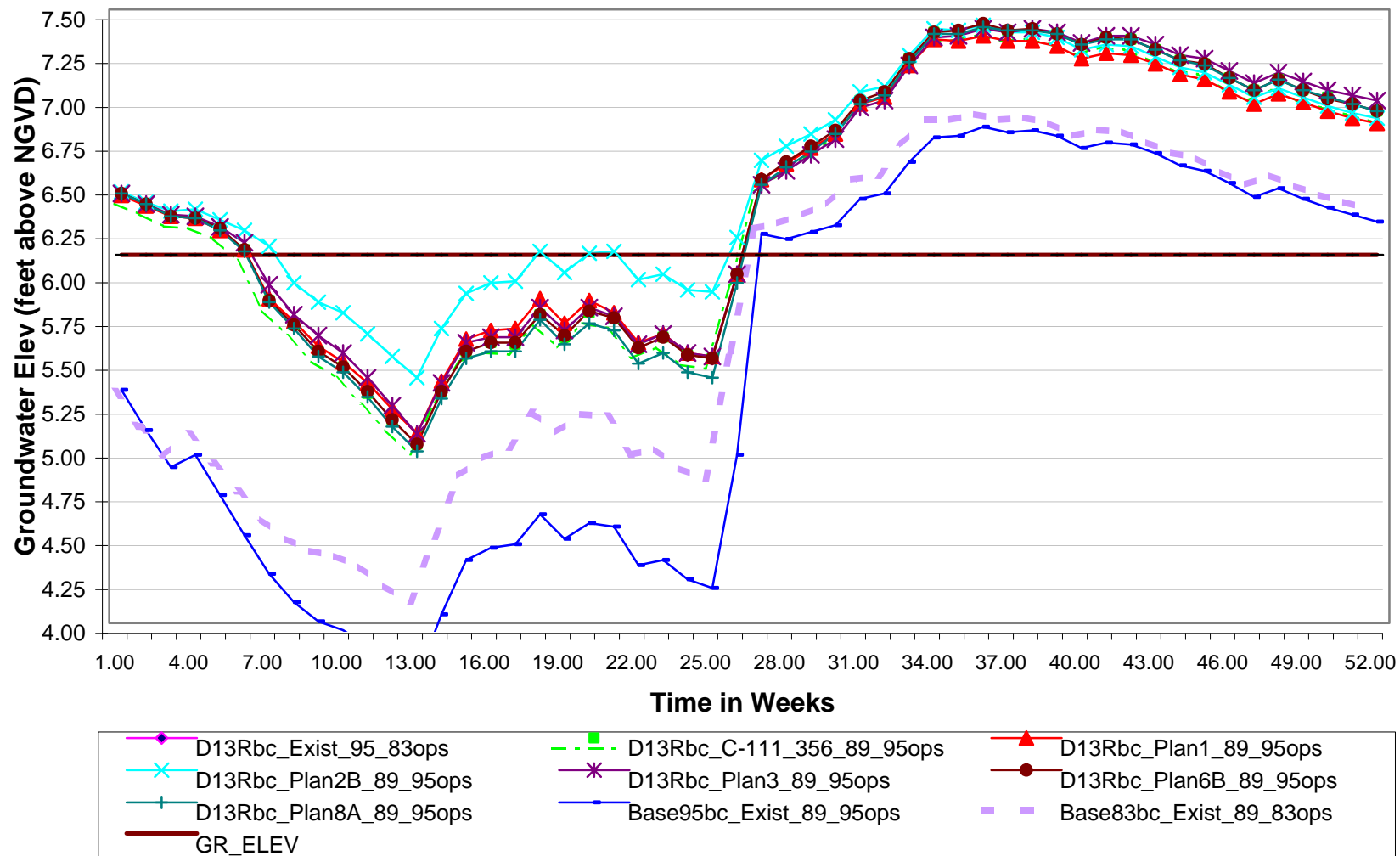
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
21271 FIGURE 96**



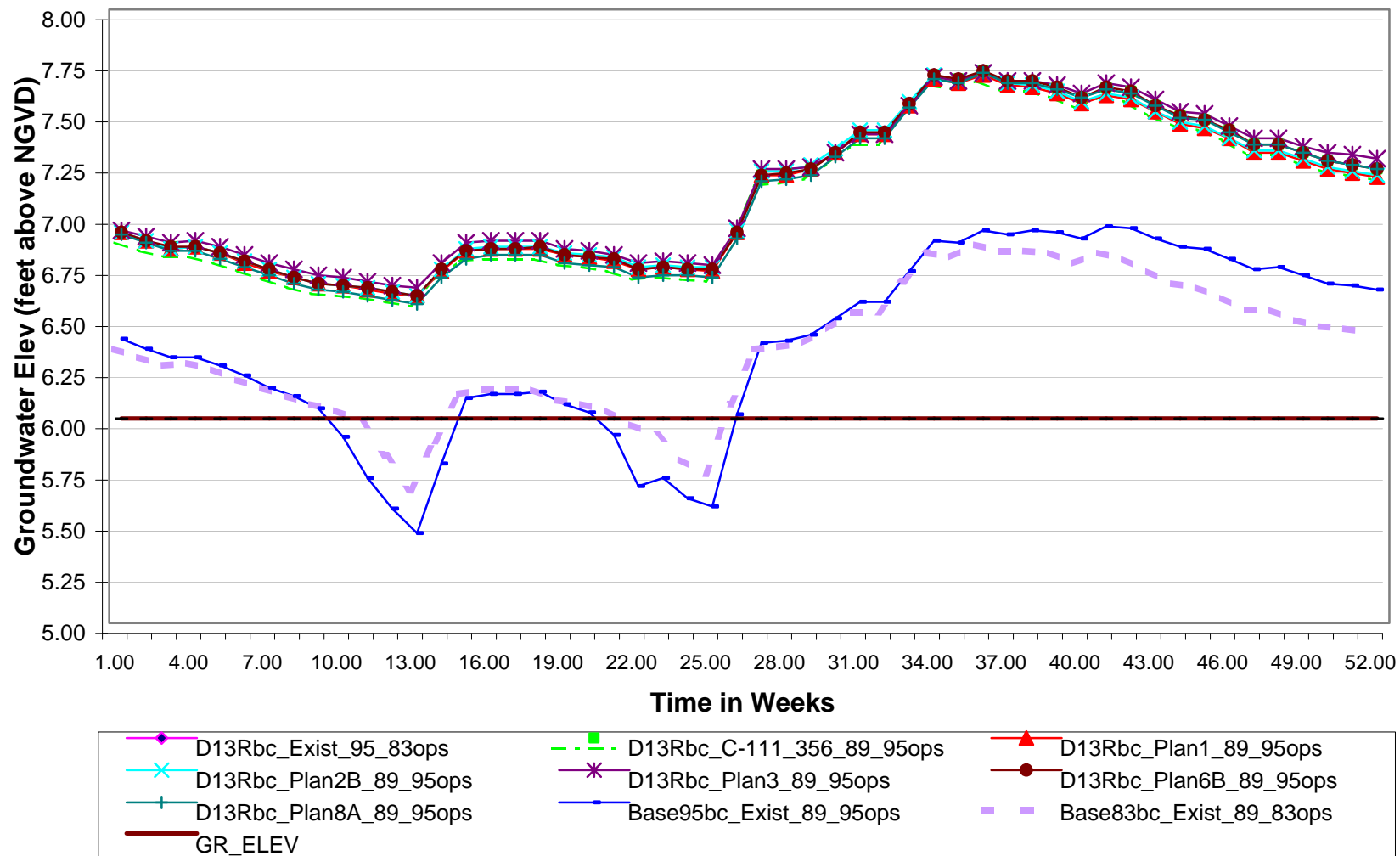
Model Hydrographs from Weekly Average Groundwater Stage at Cell 21791 FIGURE 97



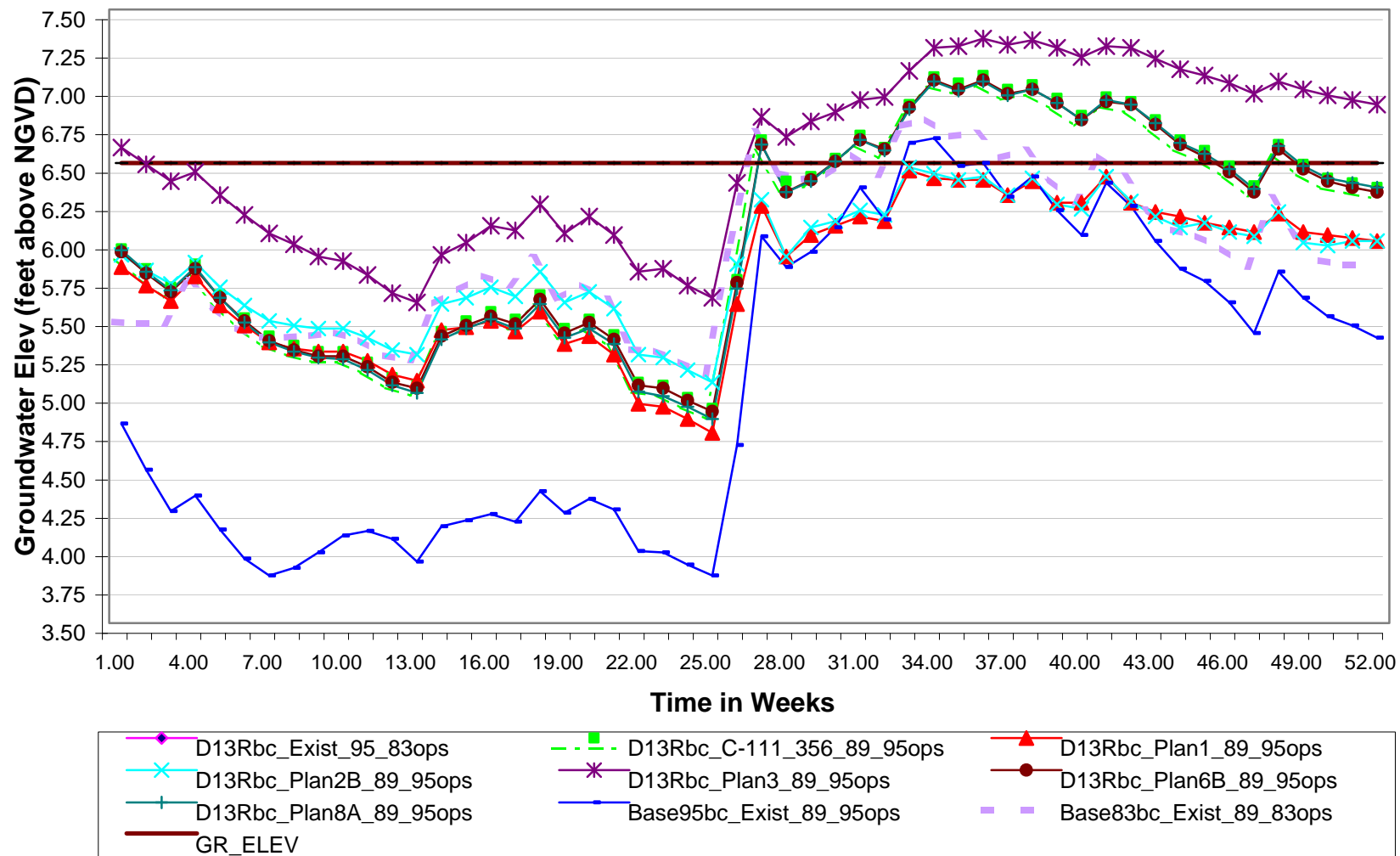
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20890 FIGURE 98**



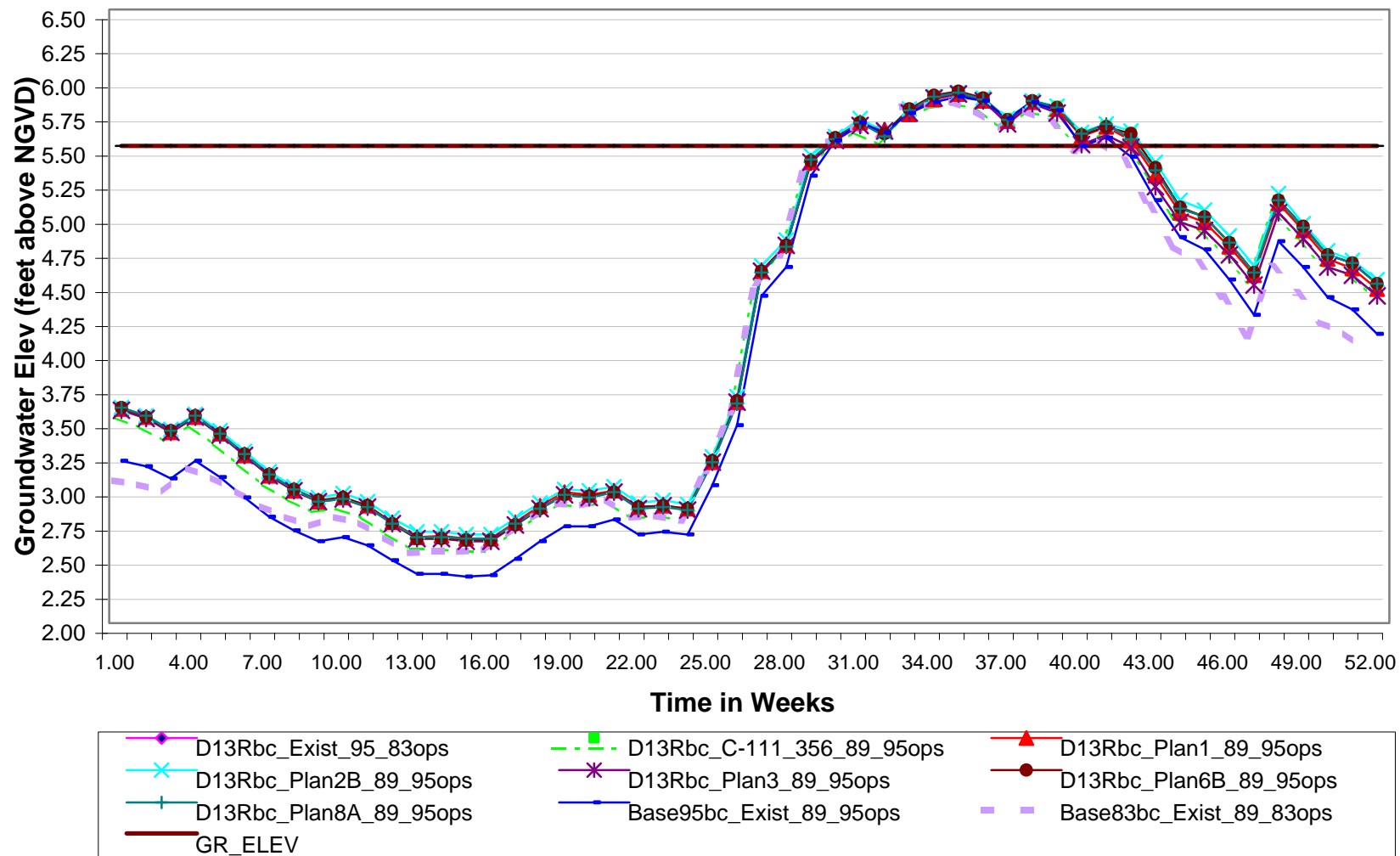
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
19990 FIGURE 99**



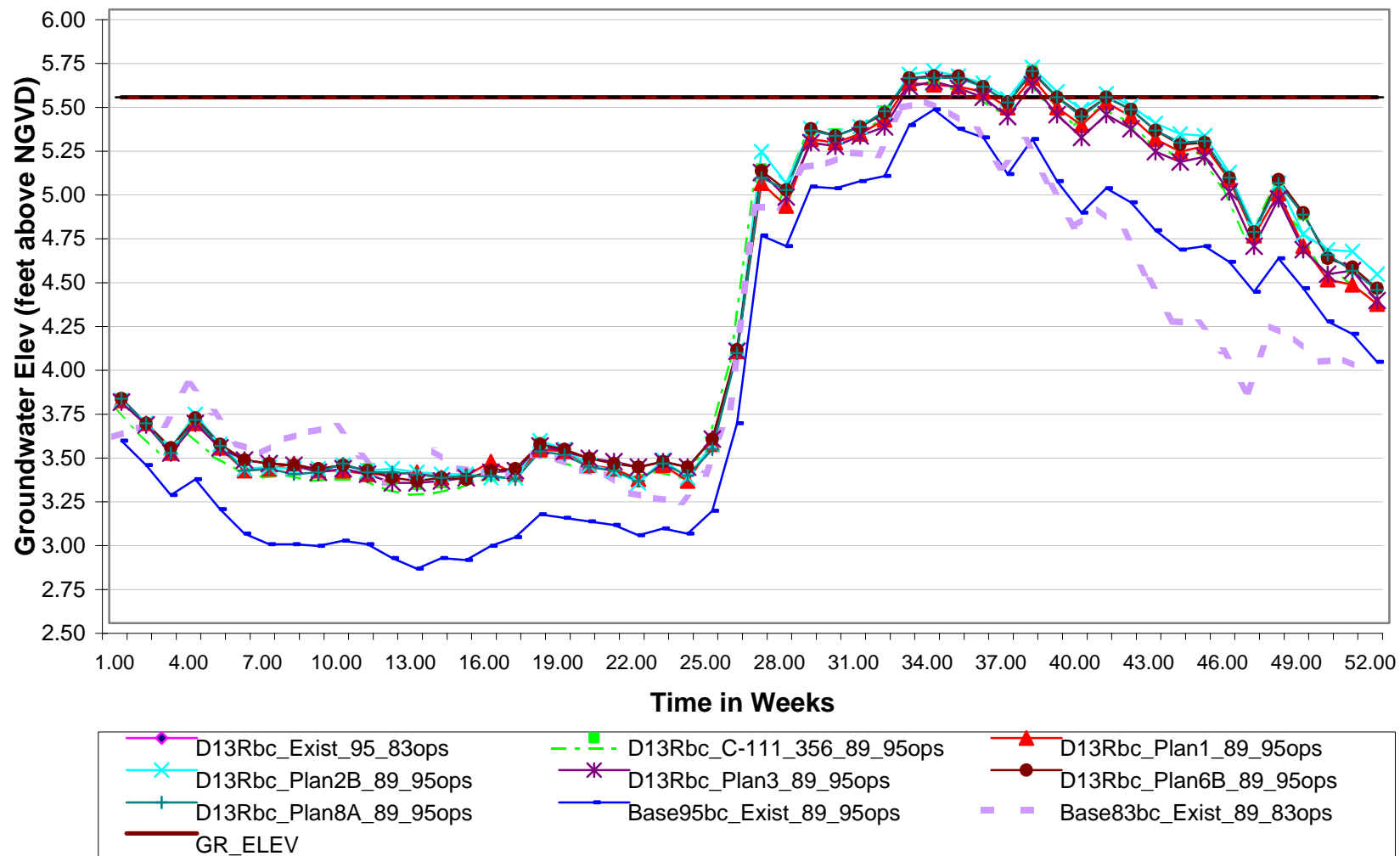
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20378 FIGURE 100**



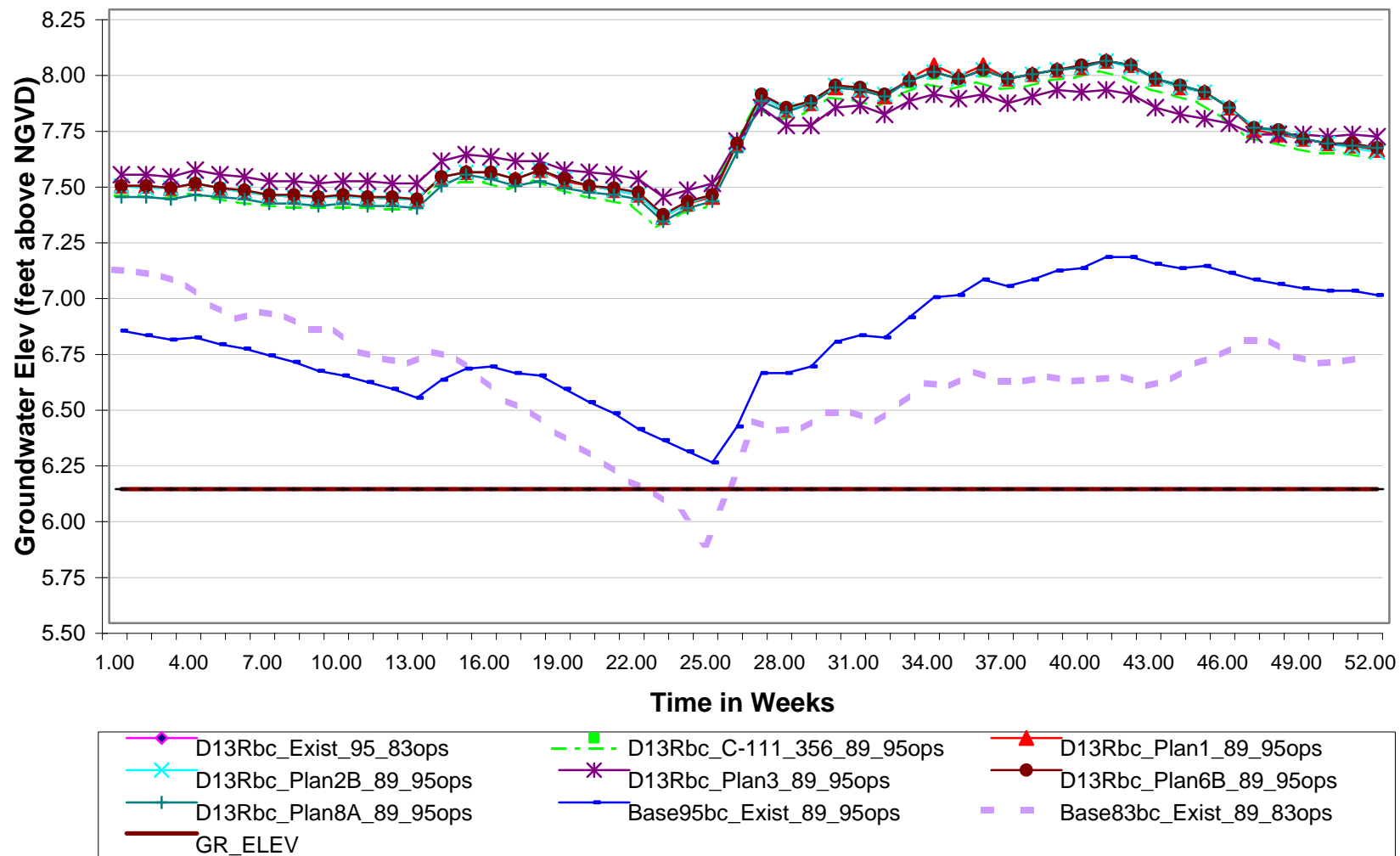
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
24577 FIGURE 101**



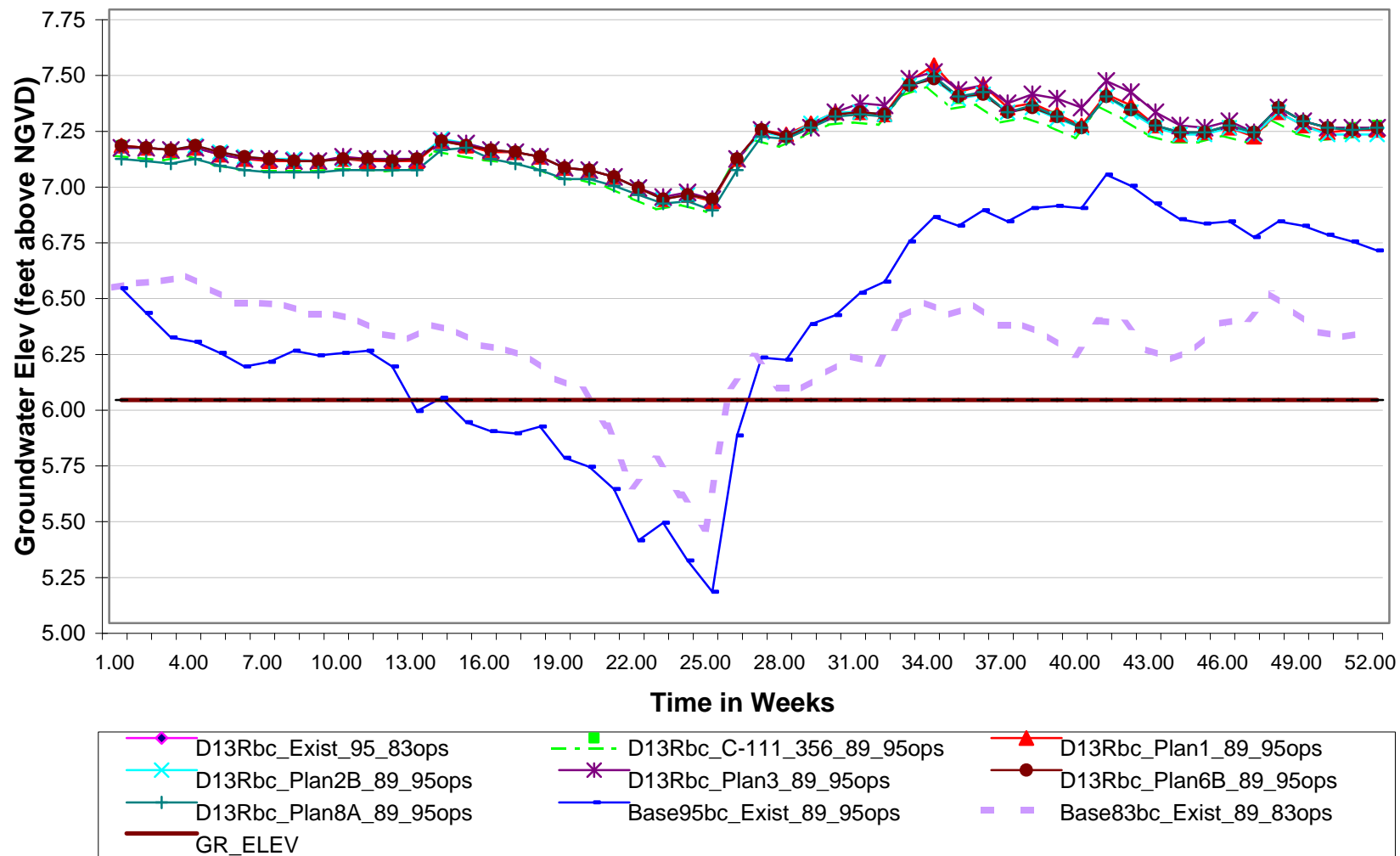
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
24587 FIGURE 102**



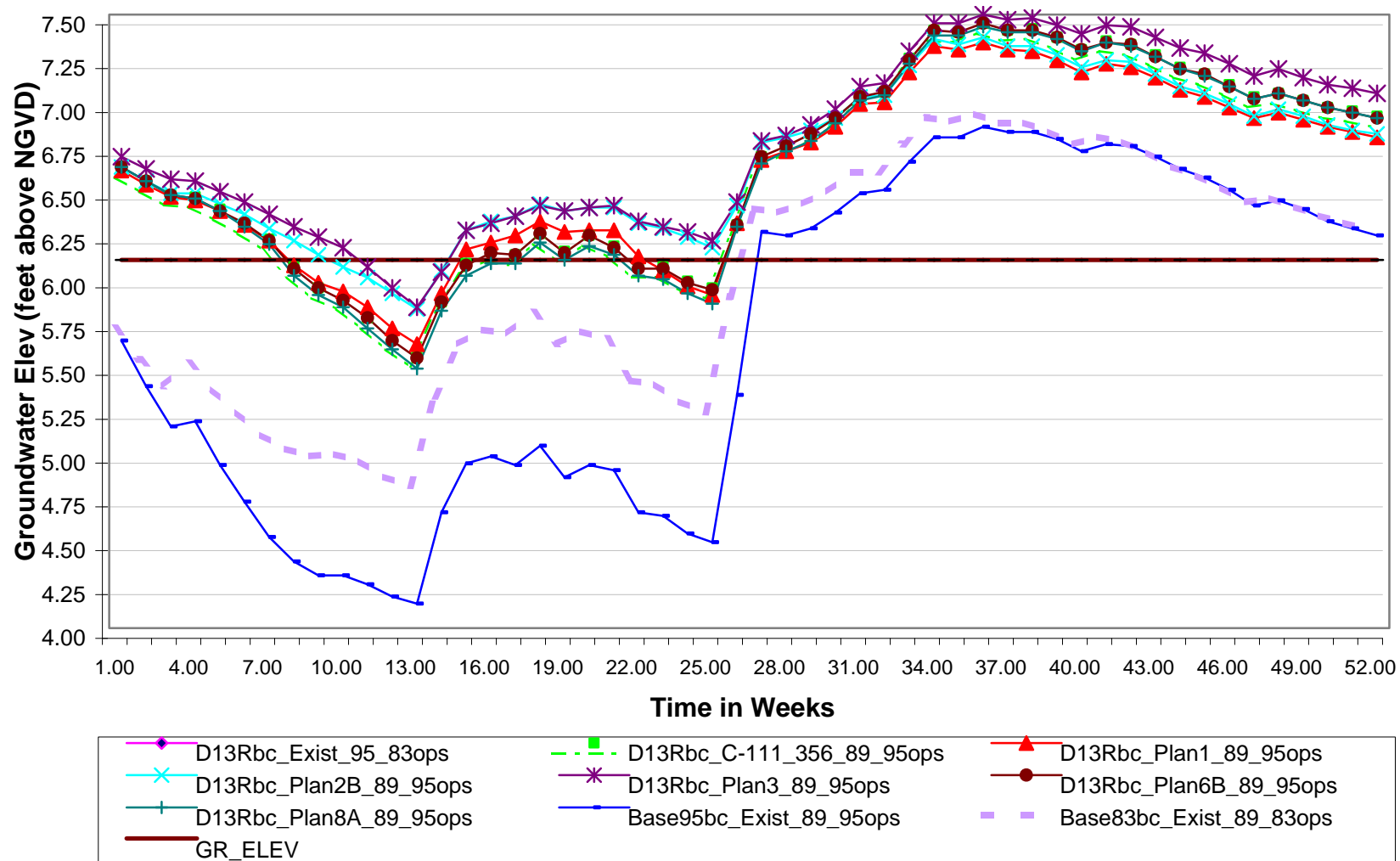
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
19177 FIGURE 103**



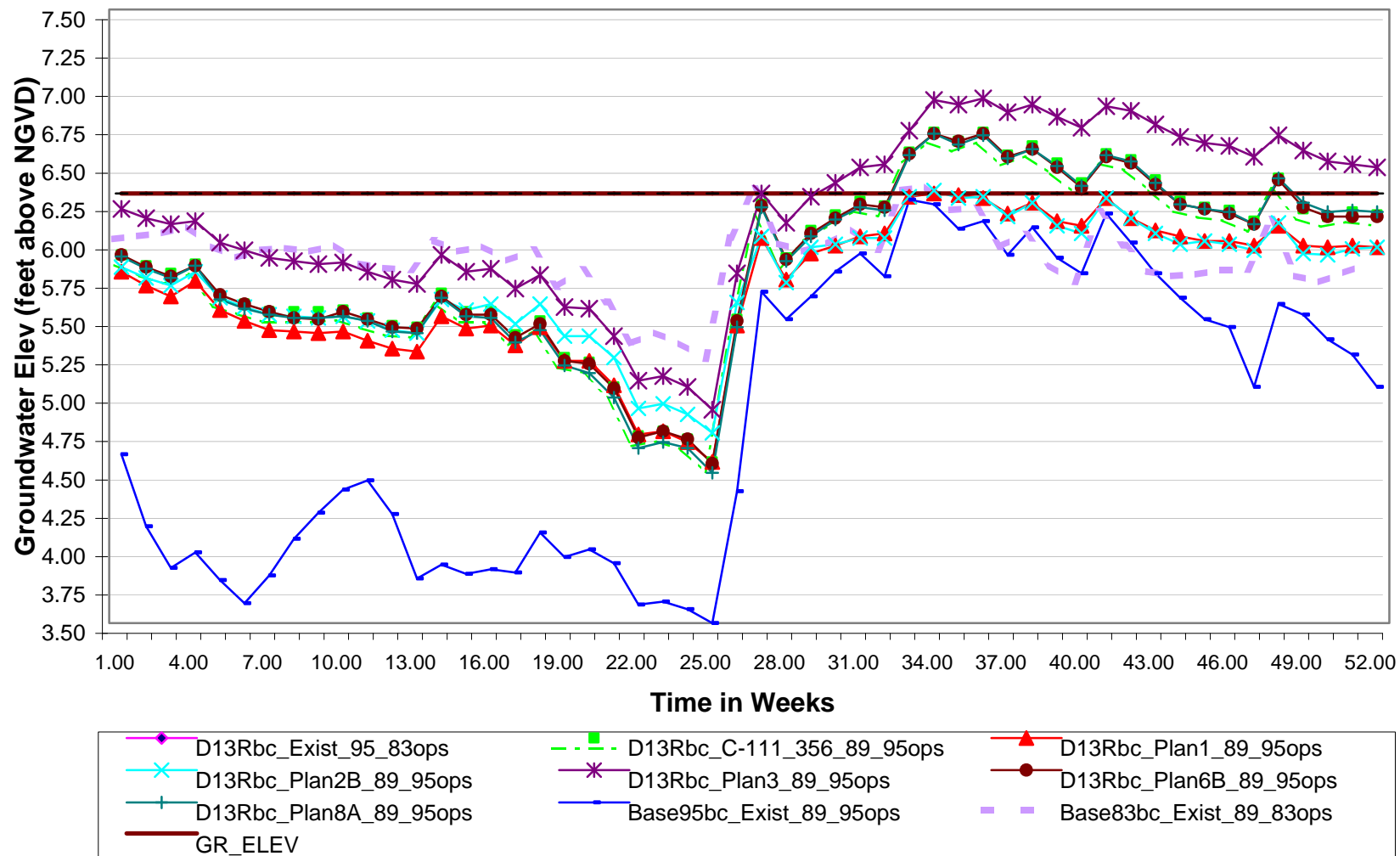
Model Hydrographs from Weekly Average Groundwater Stage at Cell 19213 FIGURE 104



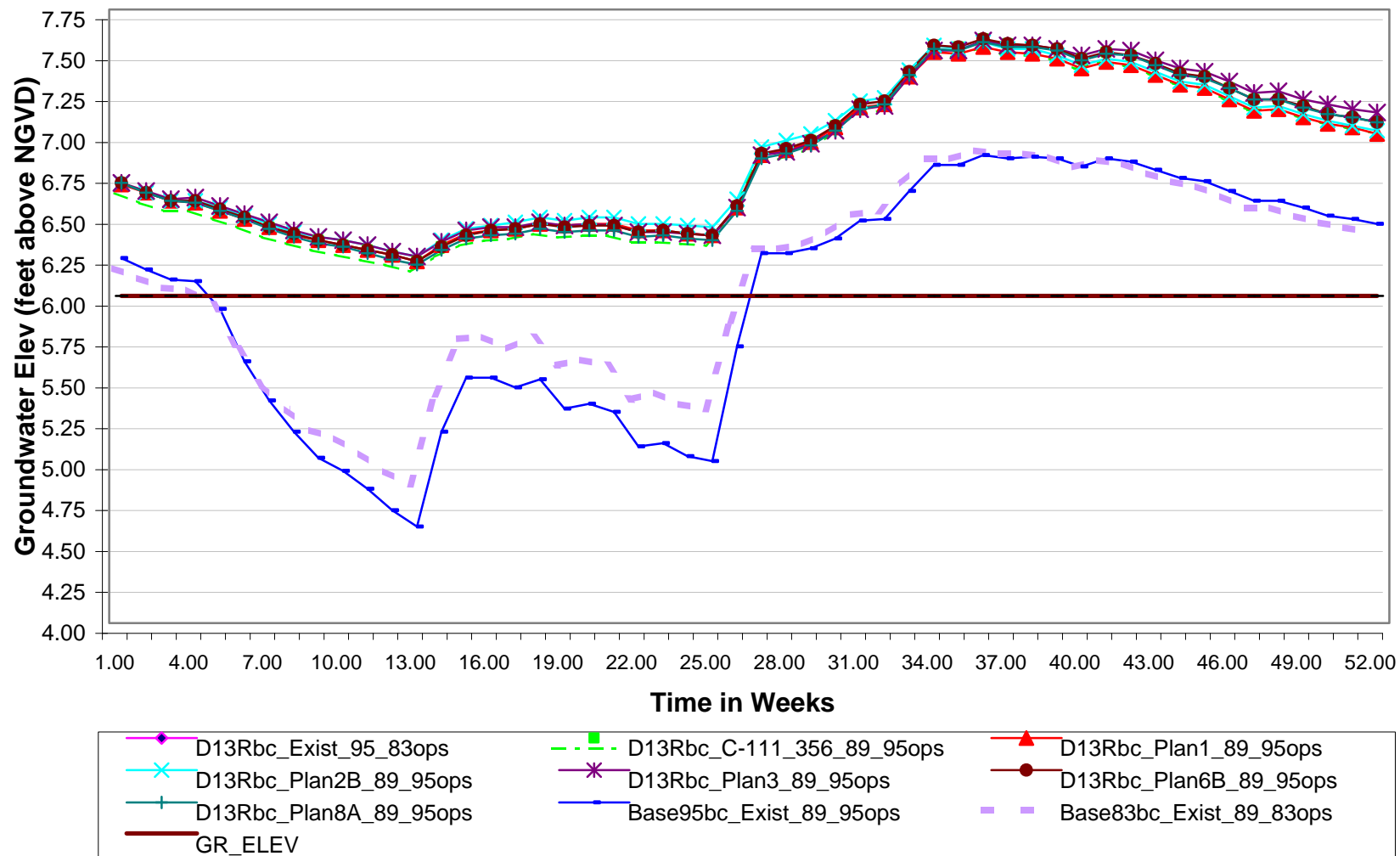
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20357 FIGURE 105**



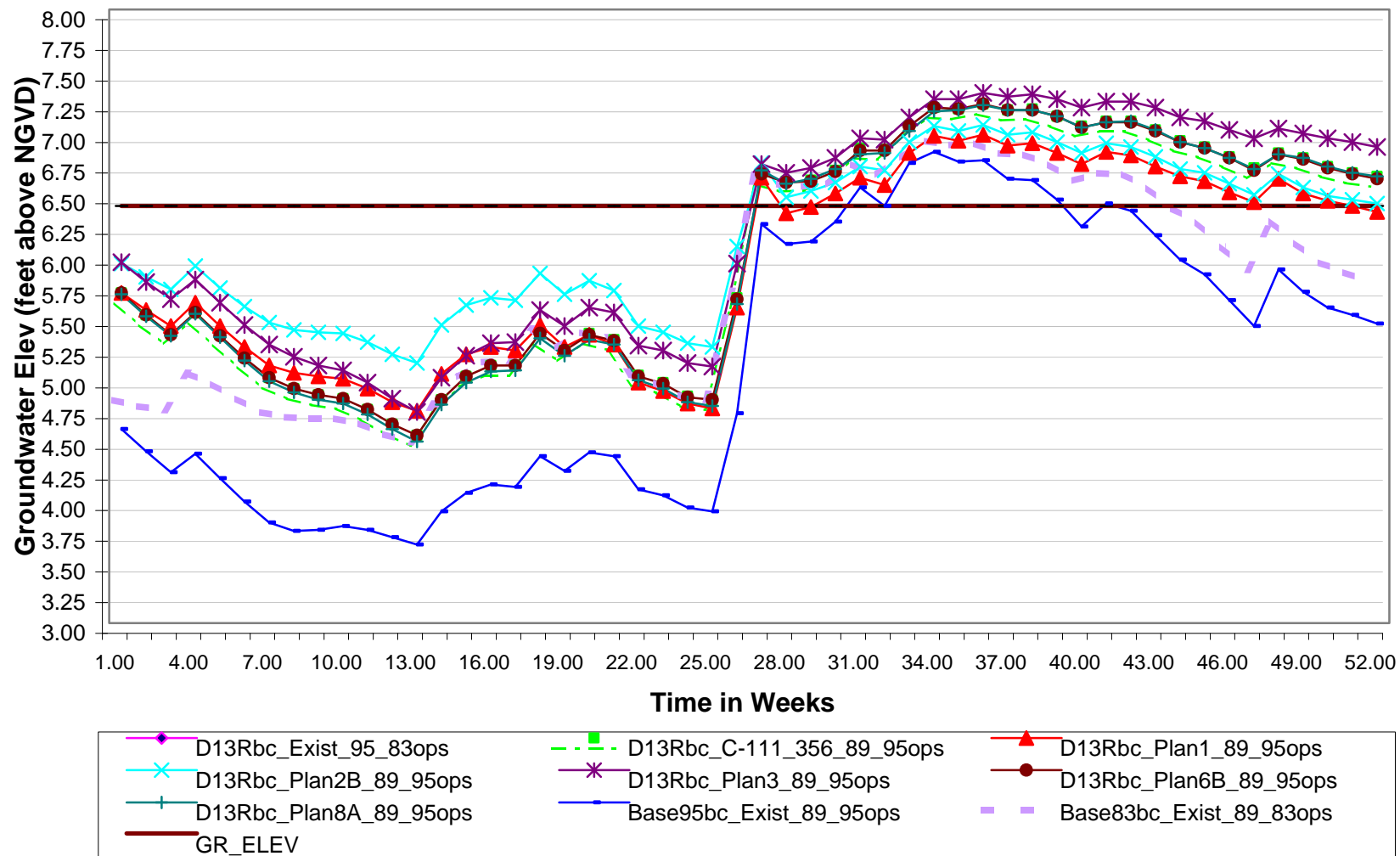
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20206 FIGURE 106**

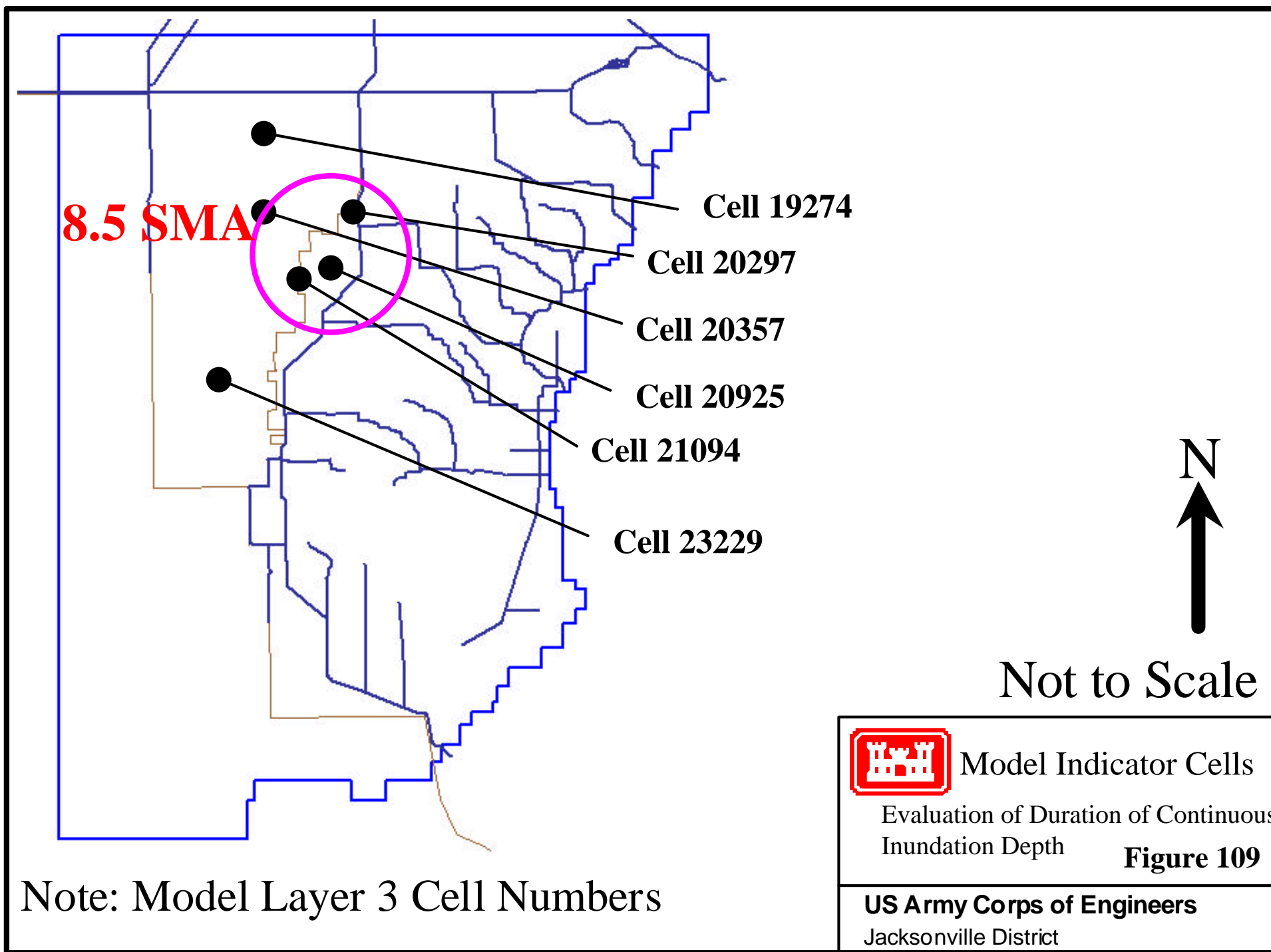


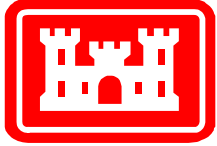
**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20350 FIGURE 107**



**Model Hydrographs from Weekly Average Groundwater Stage at Cell
20900 FIGURE 108**







**US Army Corps
of Engineers**
Jacksonville District

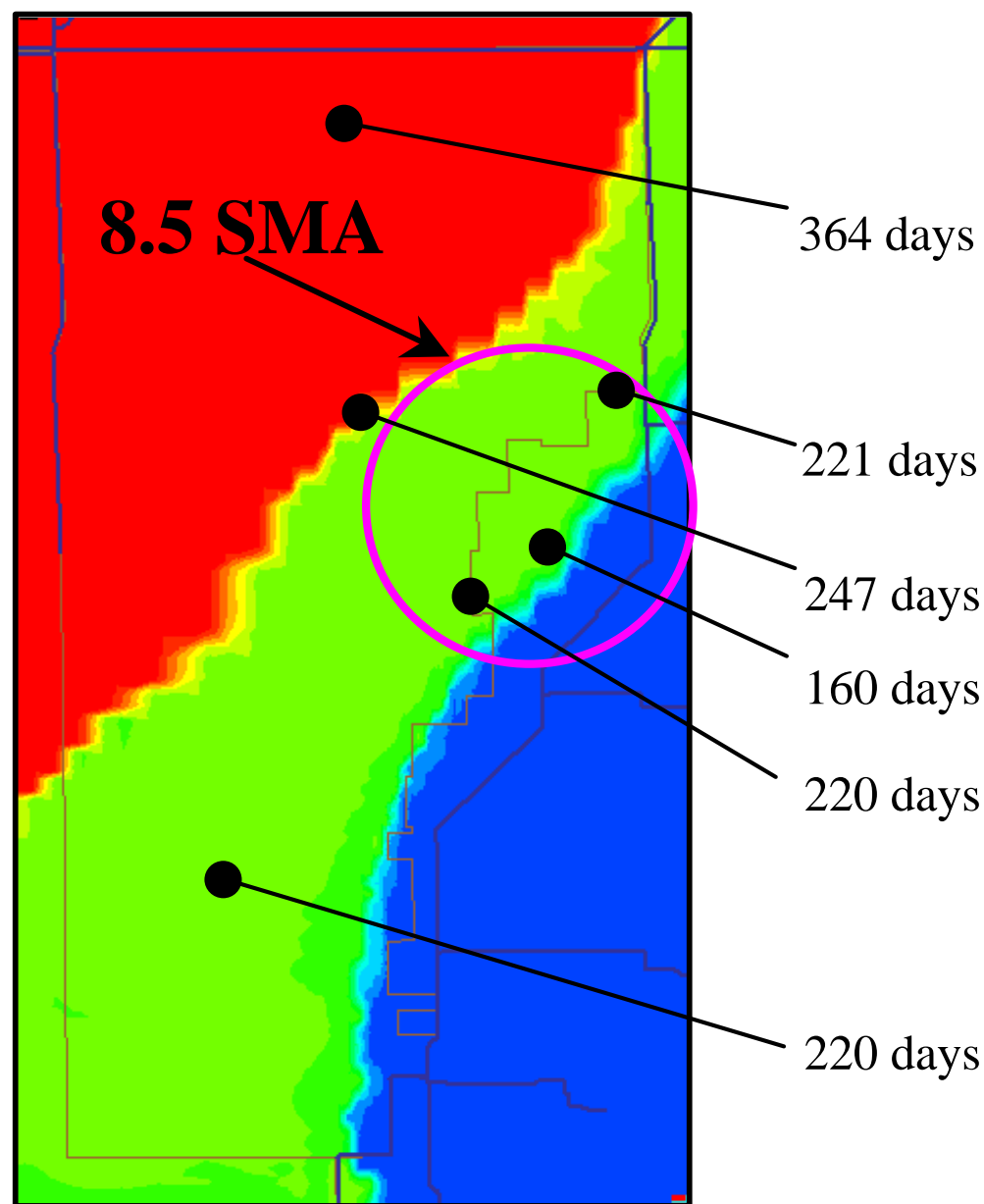


DRAFT

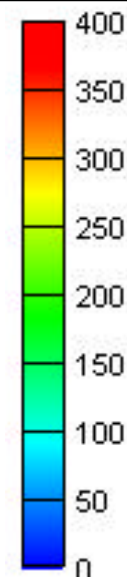
03/15/00

**8.5 Square Mile Area (SMA)
Hydraulic and Hydrogeologic Model Report
APPENDIX A**

**Alternatives to be Evaluated
BASE83, BASE95 & PLAN 1**



Number of
Days



Not to Scale

Note: Base95bc_Exist_1995_95ops
Contours as shown on legend above

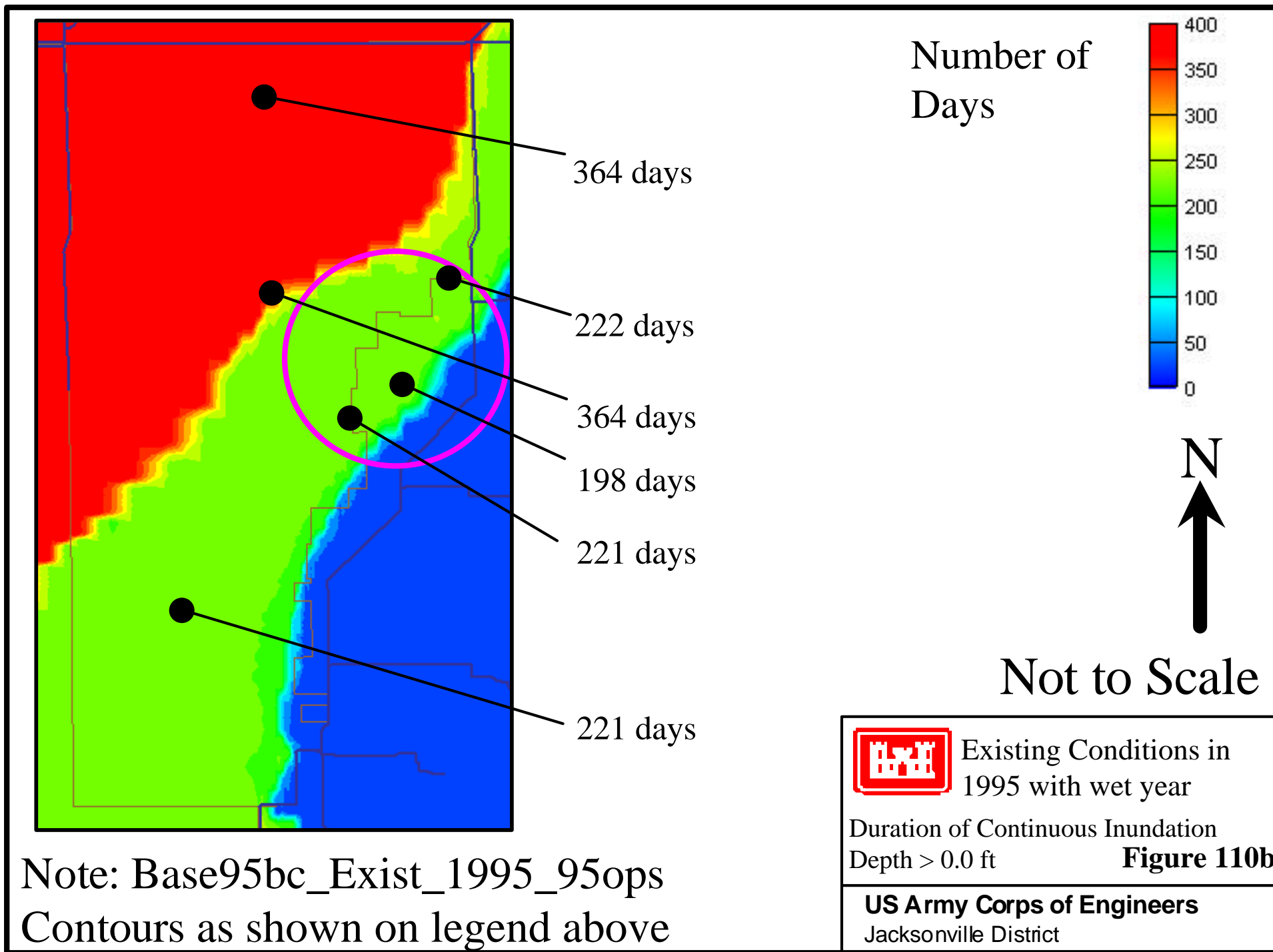


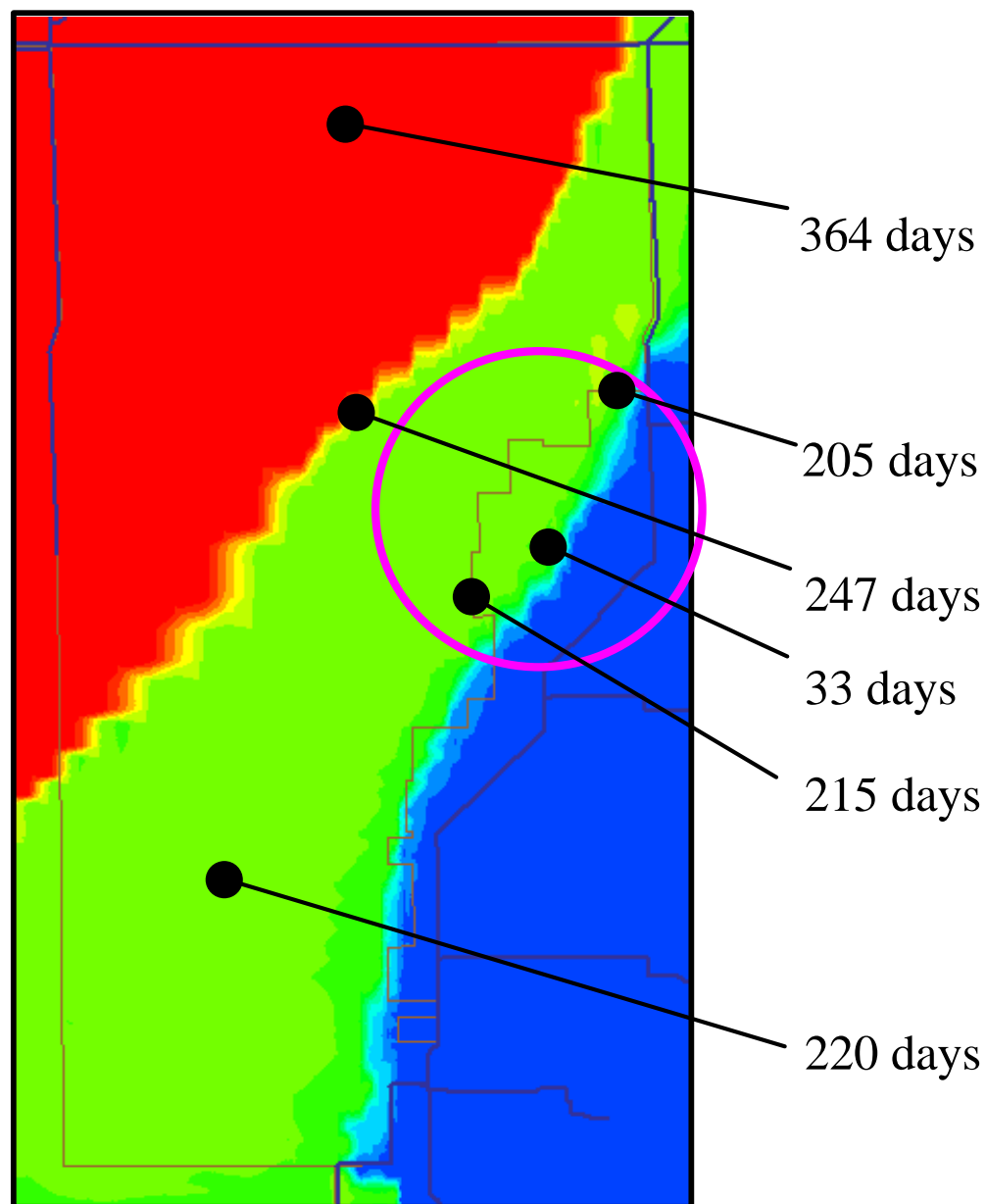
Existing Conditions in
1995 with wet year

Duration of Continuous Inundation
Depth > 0.2 ft

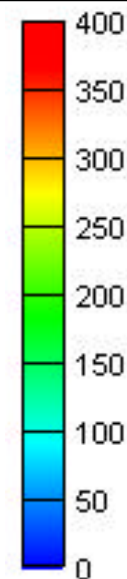
Figure 110

US Army Corps of Engineers
Jacksonville District





Number of
Days



Not to Scale



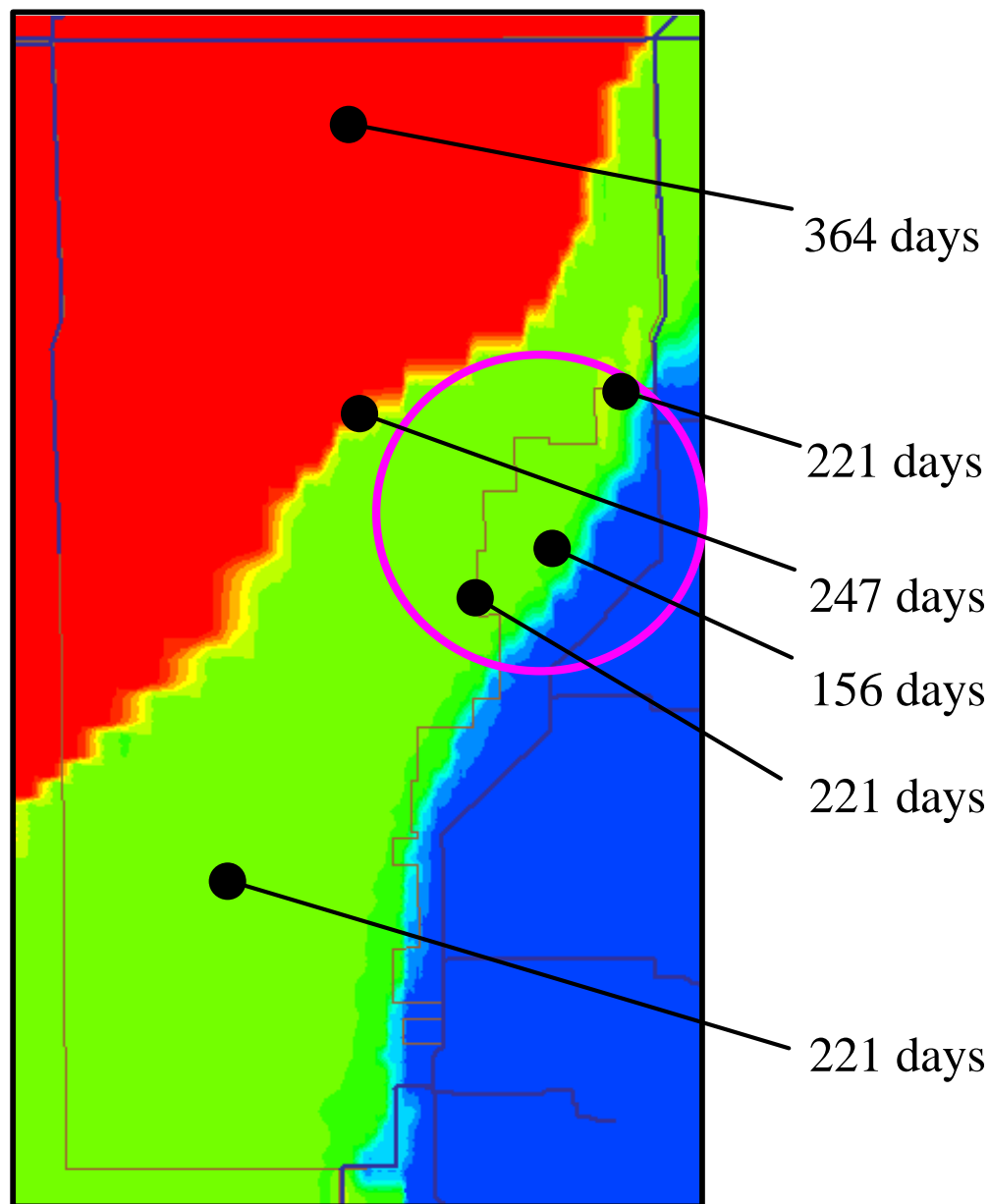
Existing Conditions in
1983 with wet year

Duration of Continuous Inundation
Depth > 0.2 ft

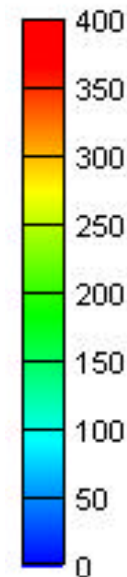
Figure 111

US Army Corps of Engineers
Jacksonville District

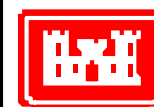
Note: Base83bc_Exist_1995_83ops
Contours as shown on legend above



Number of
Days



Not to Scale



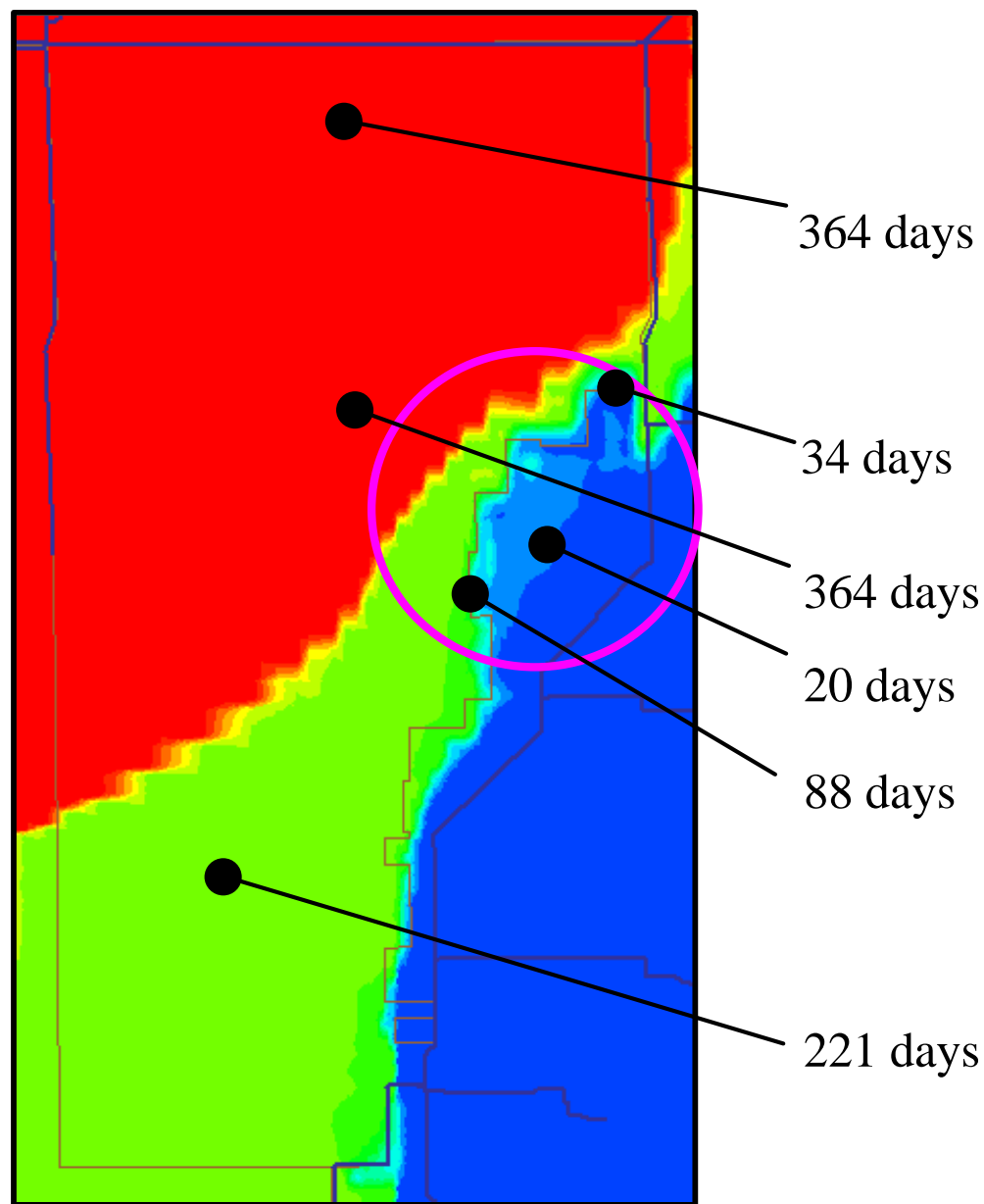
Existing Conditions in
1983 with wet year

Duration of Continuous Inundation
Depth > 0.0 ft

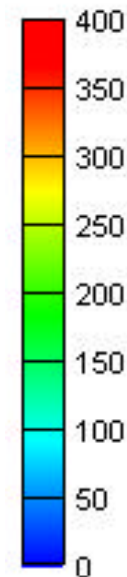
Figure 111b

US Army Corps of Engineers
Jacksonville District

Note: Base83bc_Exist_1995_83ops
Contours as shown on legend above

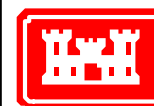


Number of
Days



Not to Scale

Note: D13R_plan1_1995_95ops
Contours as shown on legend above

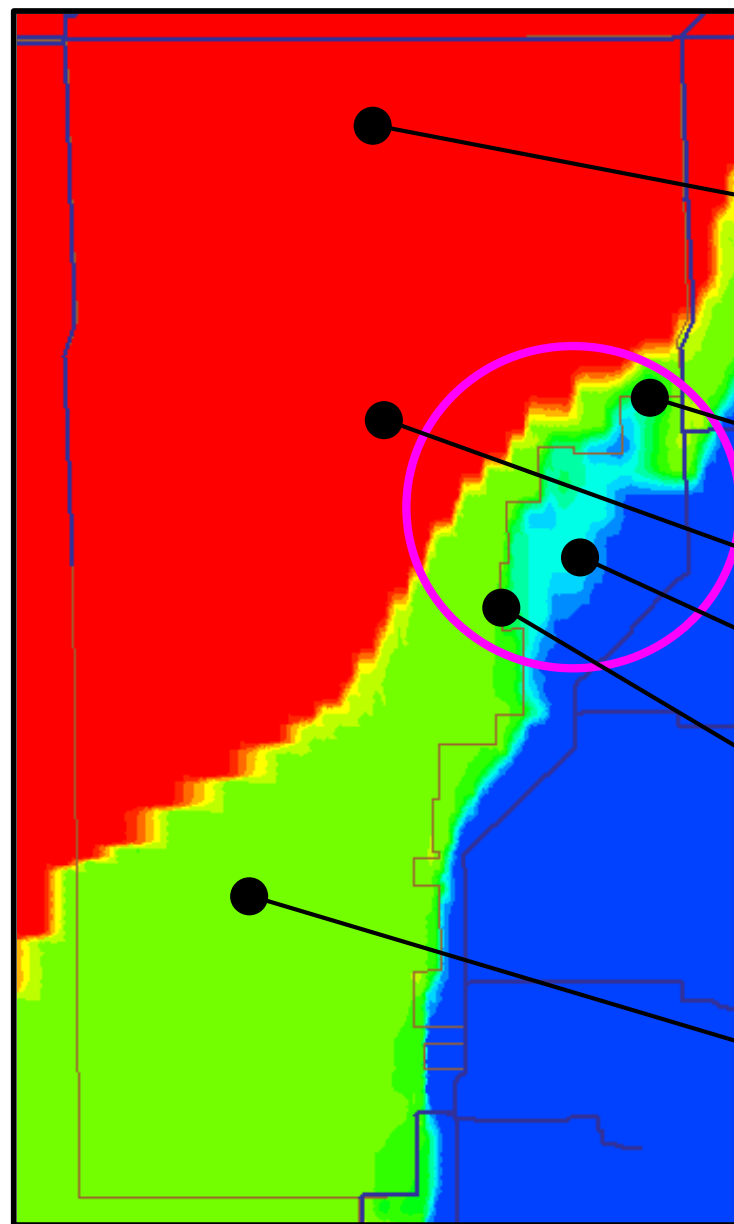


Future Conditions with
wet year & Plan 1

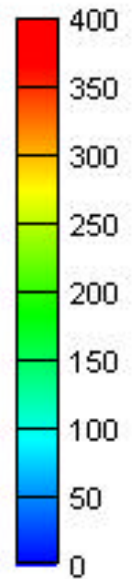
Duration of Continuous Inundation
Depth > 0.2 ft

Figure 112

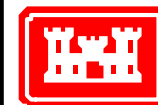
US Army Corps of Engineers
Jacksonville District



Number of
Days



Not to Scale



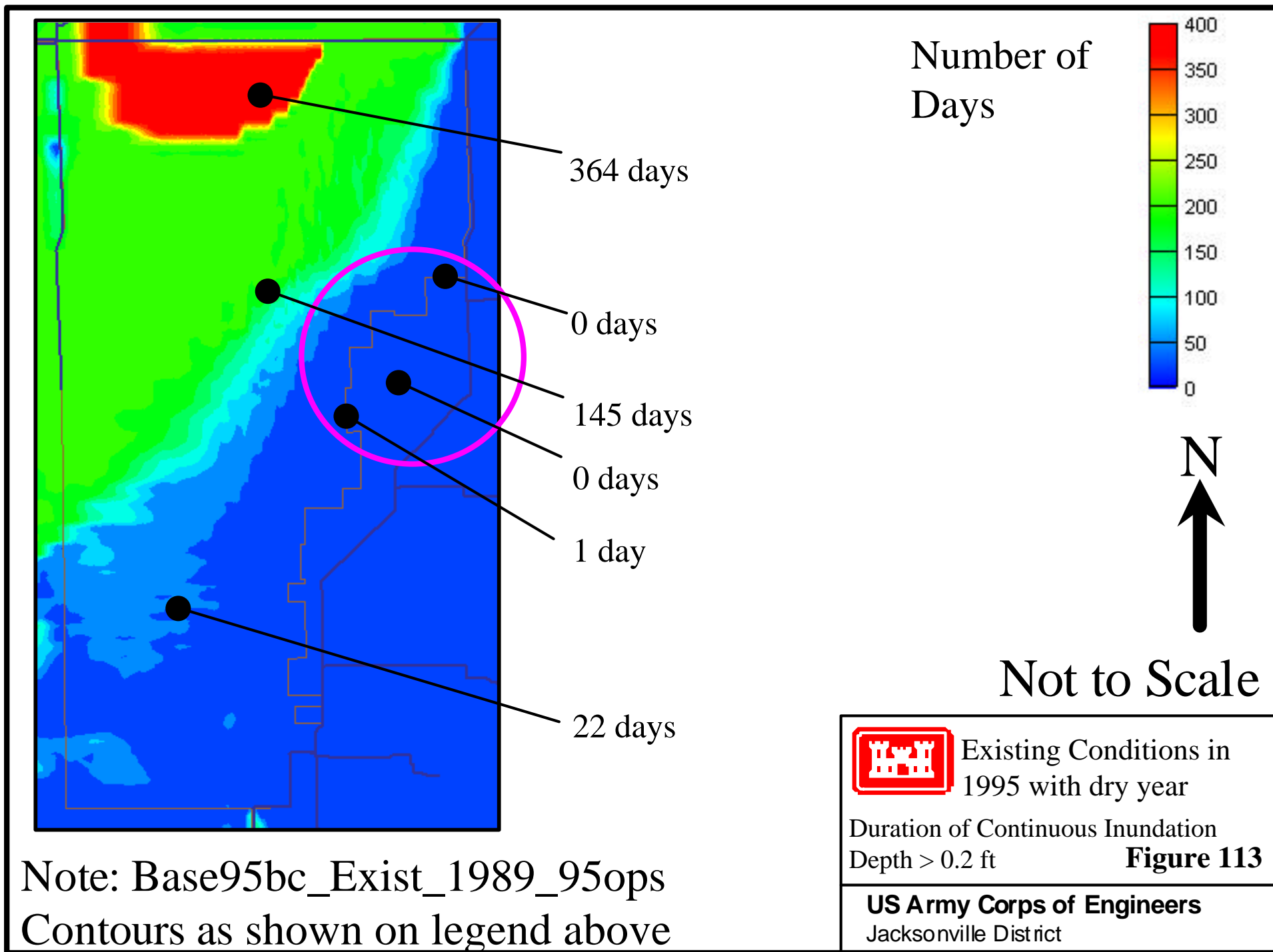
Future Conditions with
wet year & Plan 1

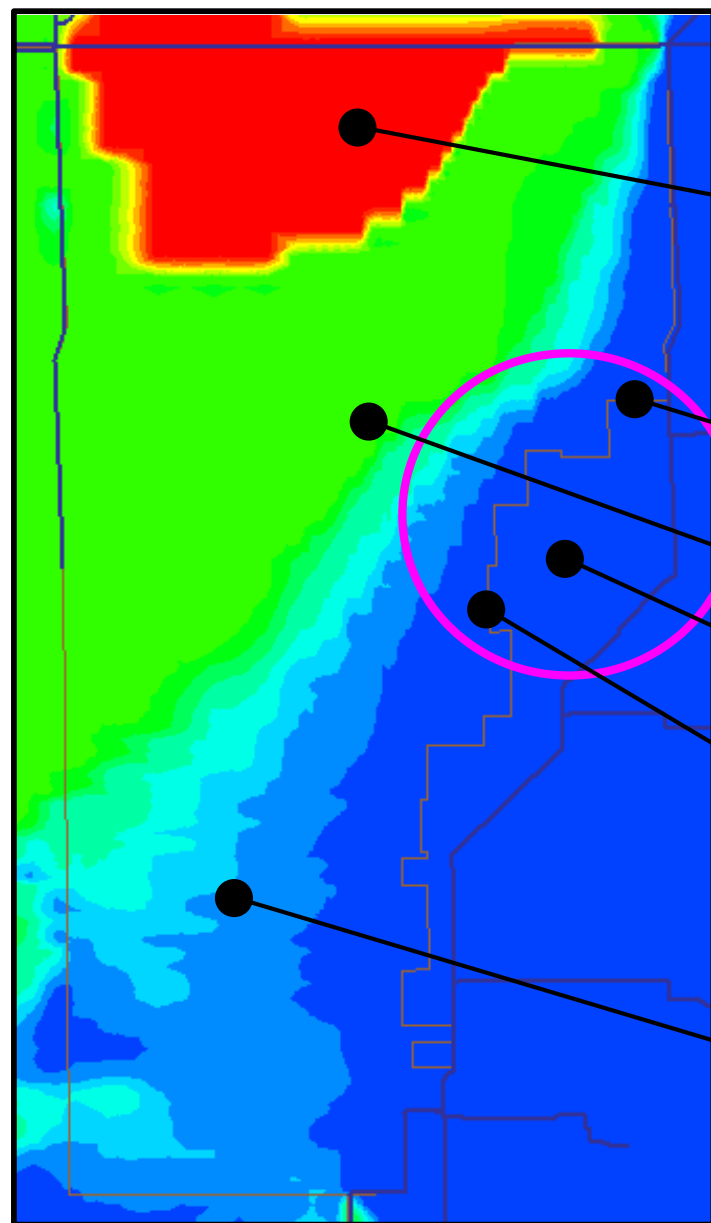
Duration of Continuous Inundation
Depth > 0.0 ft

Figure 112b

US Army Corps of Engineers
Jacksonville District

Note: D13R_plan1_1995_95ops
Contours as shown on legend above





364 days

0 days

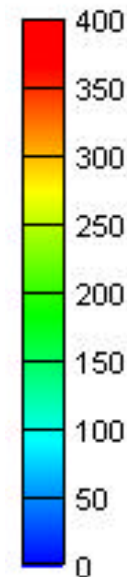
182 days

0 days

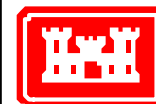
3 days

35 days

Number of
Days



Not to Scale



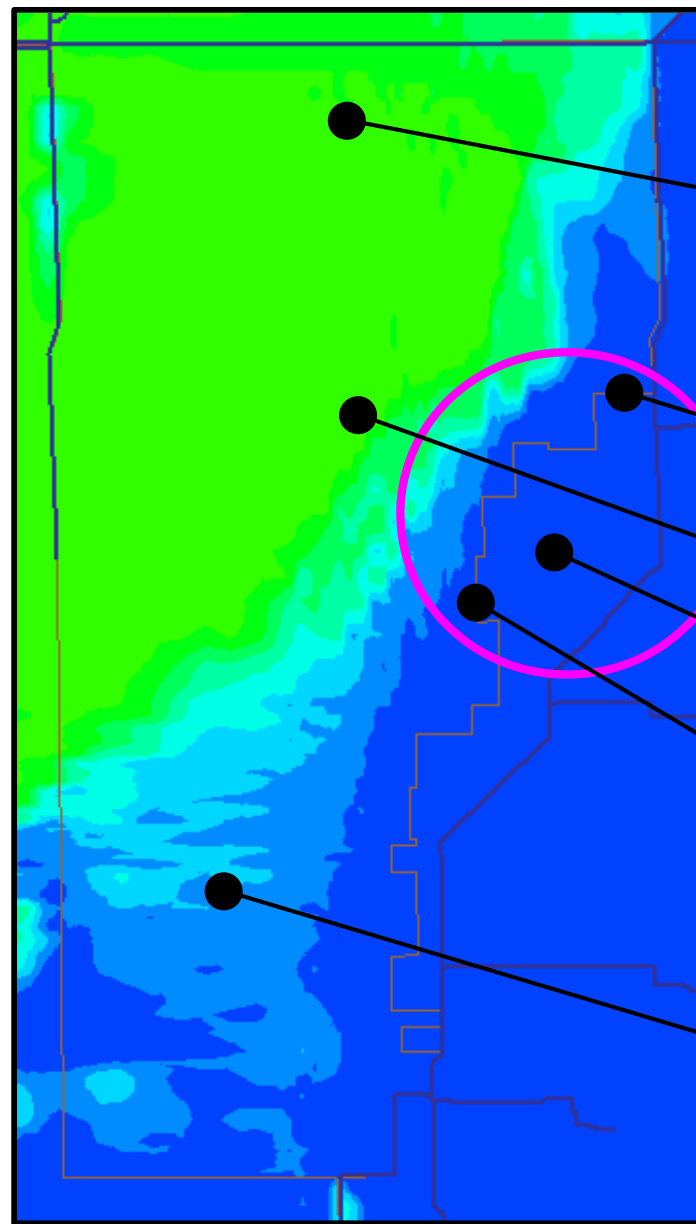
Existing Conditions in
1995 with dry year

Duration of Continuous Inundation
Depth > 0.0 ft

Figure 113b

US Army Corps of Engineers
Jacksonville District

Note: Base95bc_Exist_1989_95ops
Contours as shown on legend above



185 days

0 days

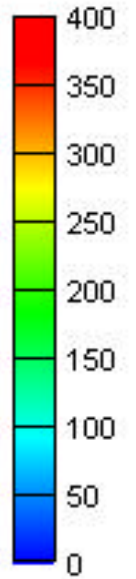
182 days

0 days

5 days

33 days

Number of
Days



Not to Scale



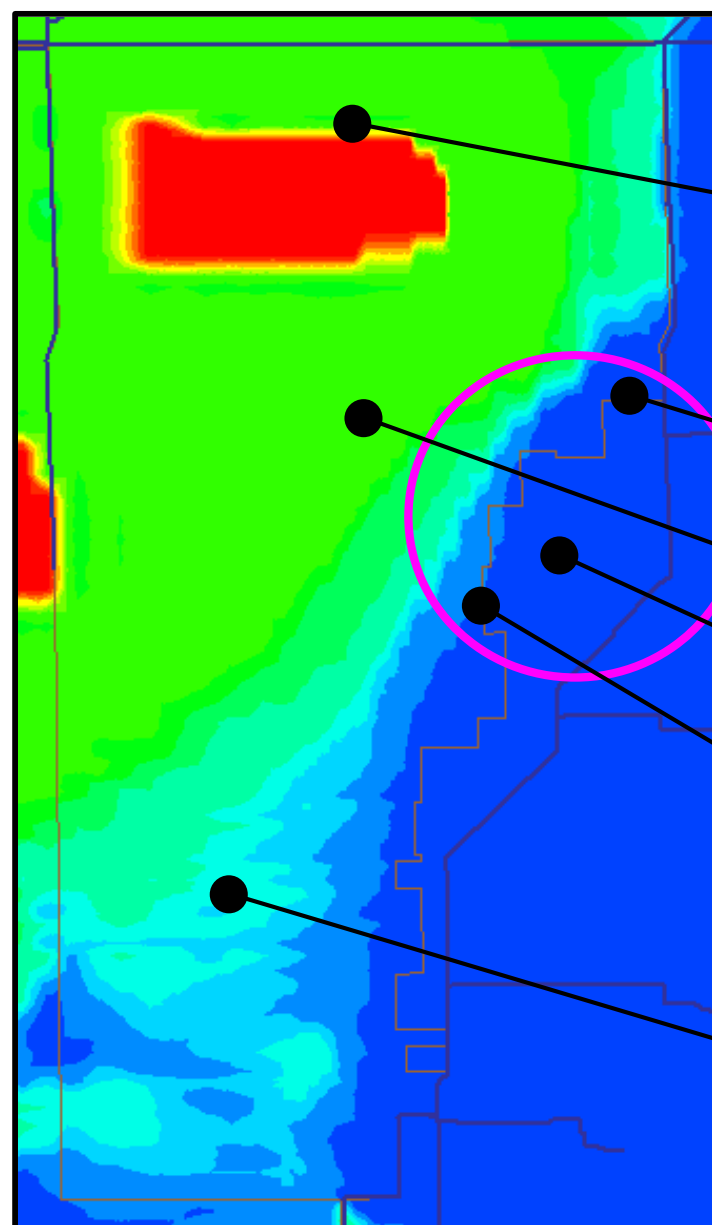
Existing Conditions in
1983 with dry year

Duration of Continuous Inundation
Depth > 0.2 ft

Figure 114

US Army Corps of Engineers
Jacksonville District

Note: Base83bc_Exist_1989_83ops
Contours as shown on legend above



189 days

0 days

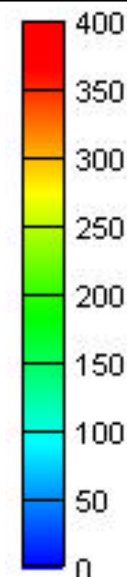
186 days

0 days

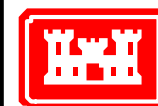
12 days

70 days

Number of
Days



Not to Scale



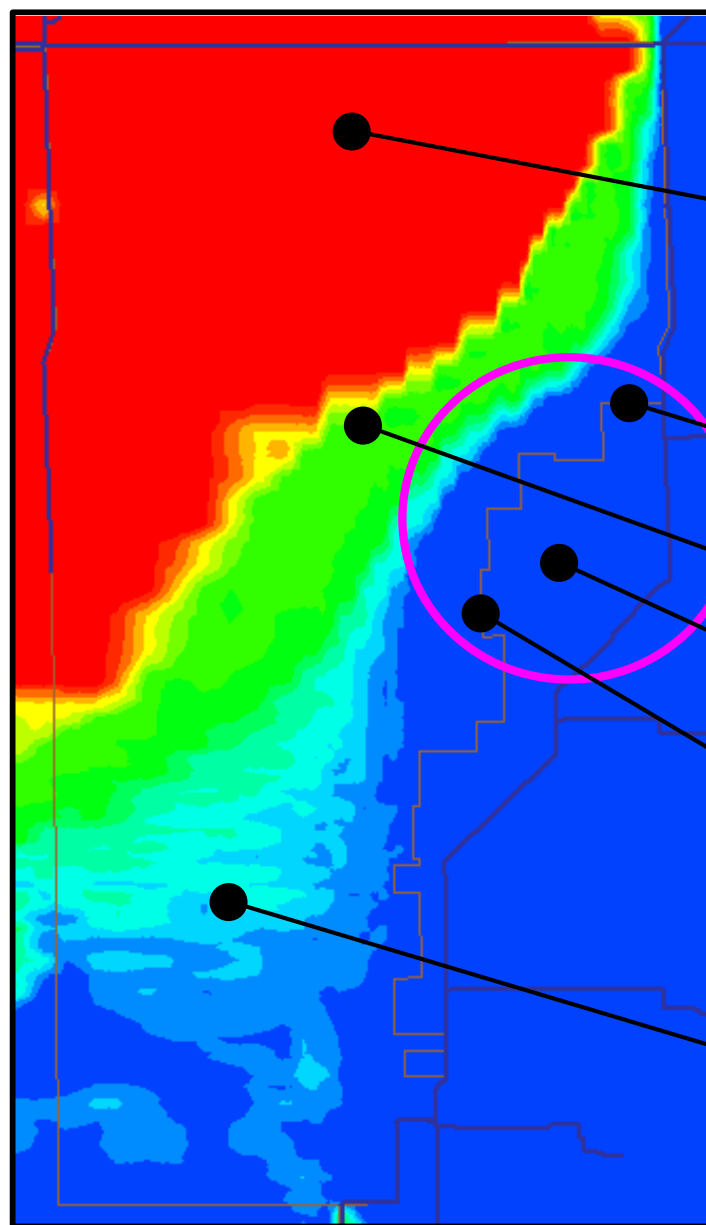
Existing Conditions in
1983 with dry year

Duration of Continuous Inundation
Depth > 0.0ft

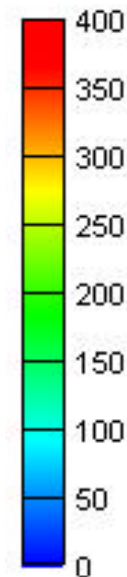
Figure 114b

US Army Corps of Engineers
Jacksonville District

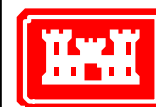
Note: Base83bc_Exist_1989_83ops
Contours as shown on legend above



Number of
Days



Not to Scale



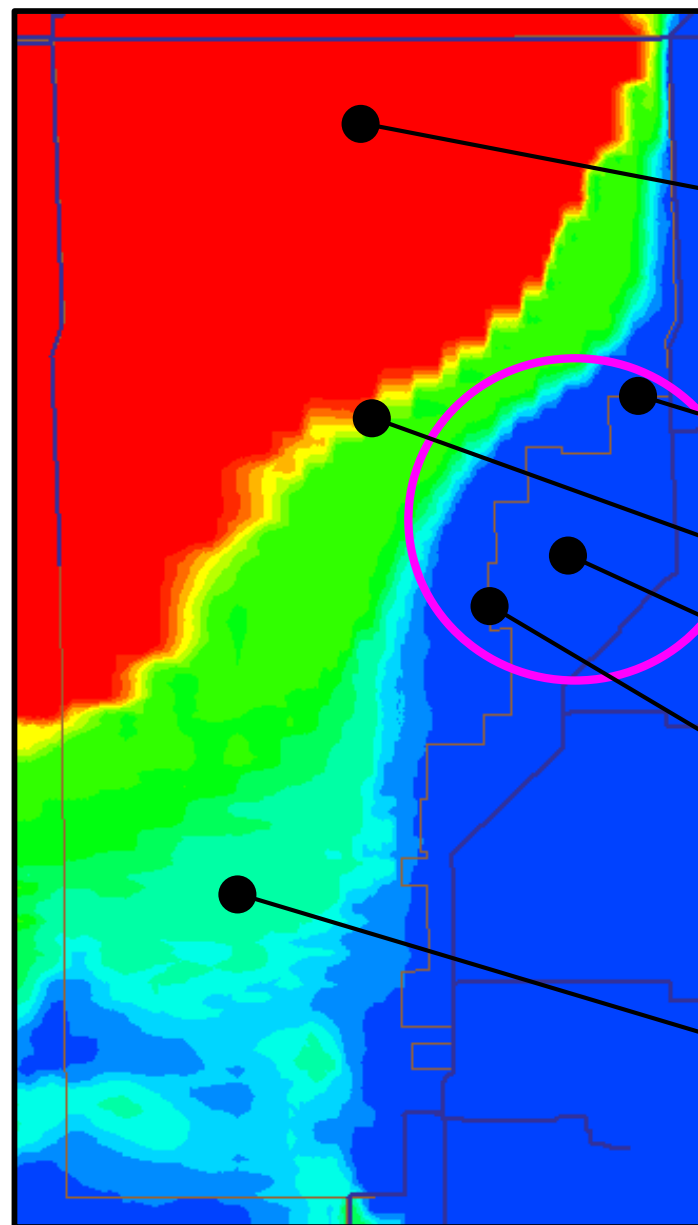
Future Conditions with
dry year & Plan 1

Duration of Continuous Inundation
Depth > 0.2 ft

Figure 115

US Army Corps of Engineers
Jacksonville District

Note: D13R_plan1_1989_95ops
Contours as shown on legend above



364 days

0 days

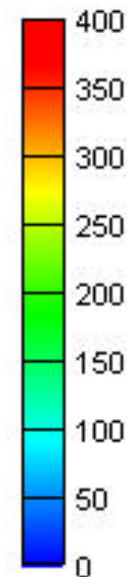
187 days

0 days

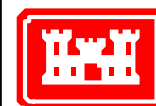
0 days

101 days

Number of
Days



Not to Scale



Future Conditions with
dry year & Plan 1

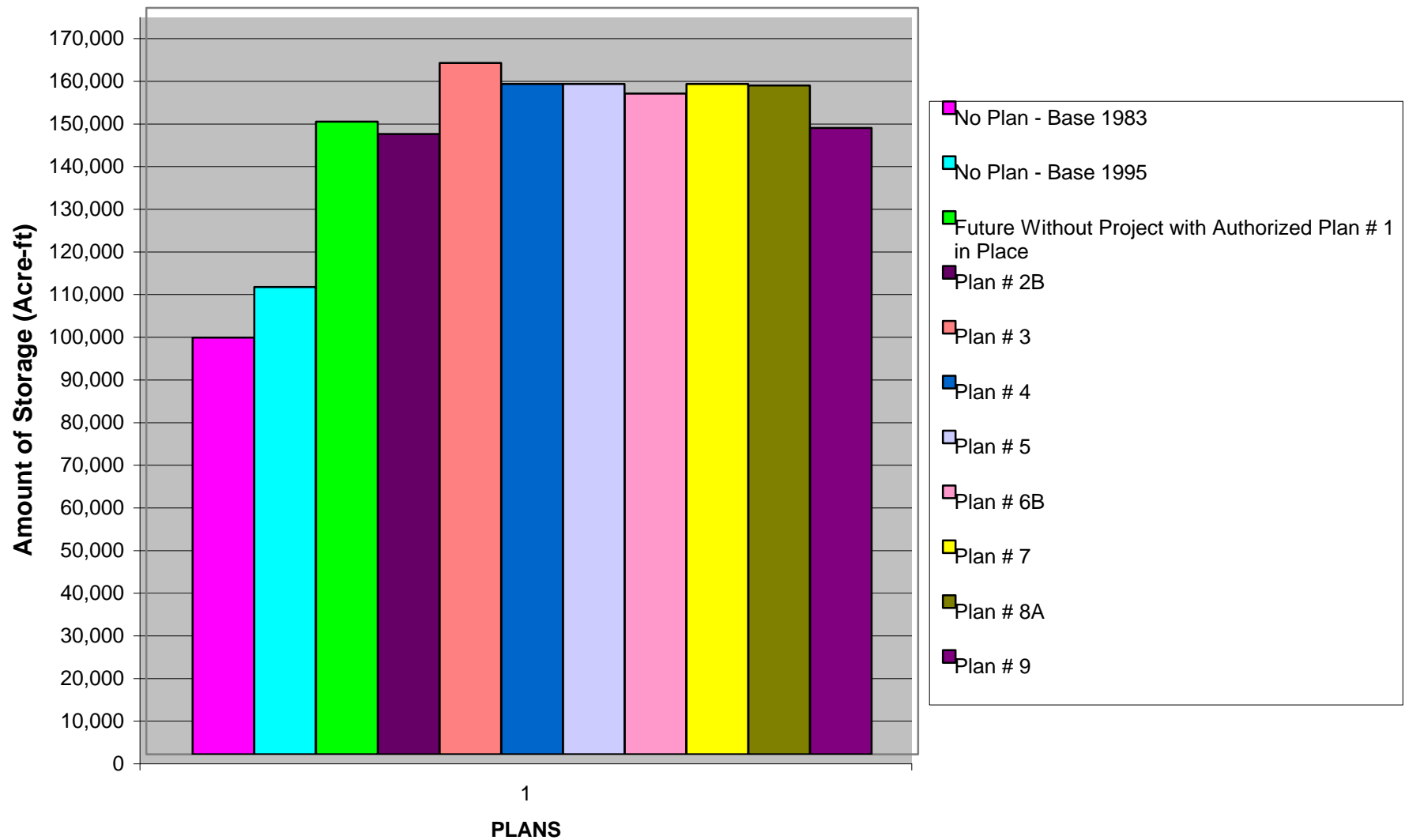
Duration of Continuous Inundation
Depth > 0.0 ft

Figure 115b

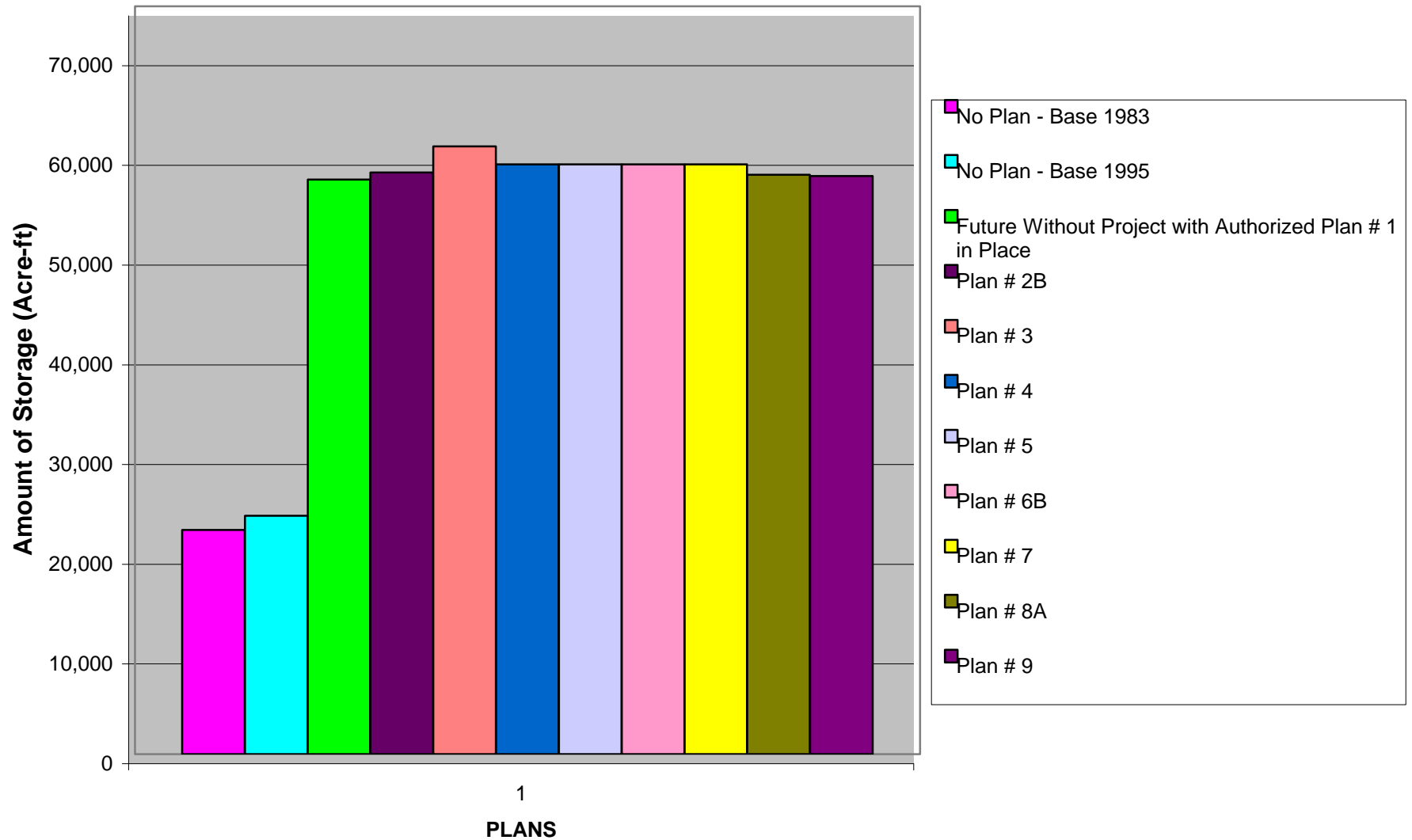
US Army Corps of Engineers
Jacksonville District

Note: D13R_plan1_1989_95ops
Contours as shown on legend above

Comparison of NESRS Average Annual Storage for Wet Year with 1995 Operations
FIGURE 116

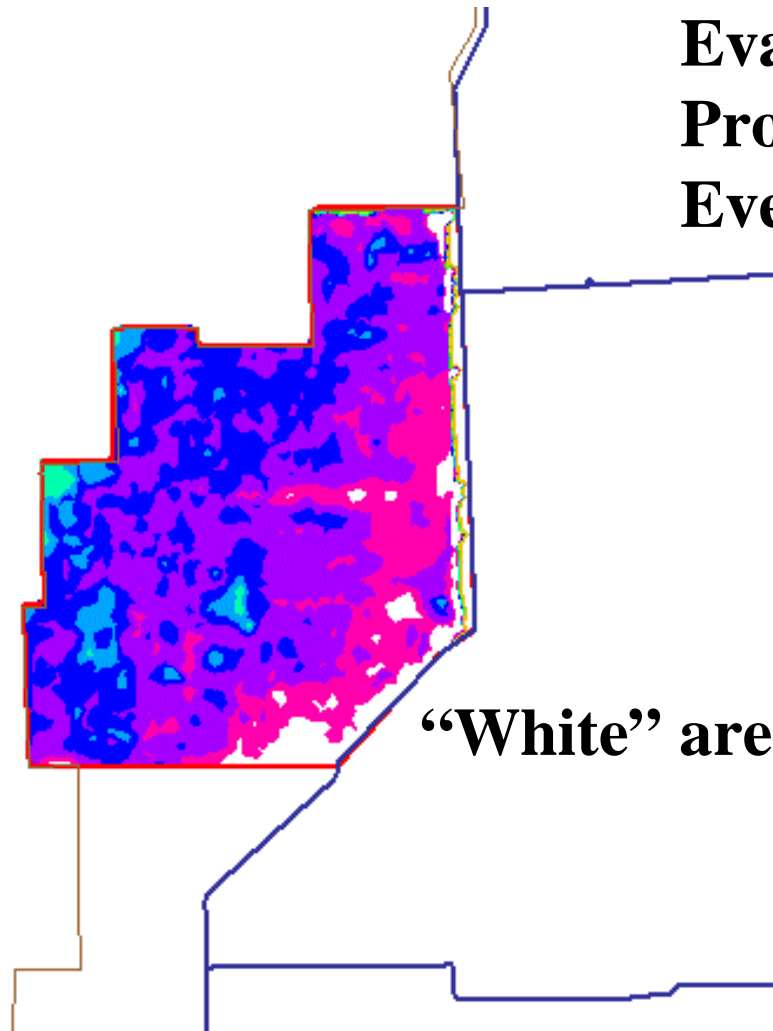
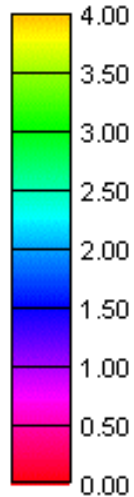


Comparison of NESRS Average Annual Storage-Dry Year with 1995 Operations
FIGURE 117

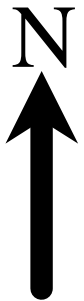


Evaluate Flood Protection for SPF Event

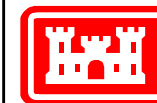
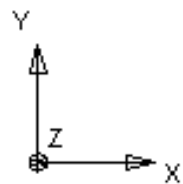
D13R_Pln1_det_inundation



“White” areas are dry



Not to Scale



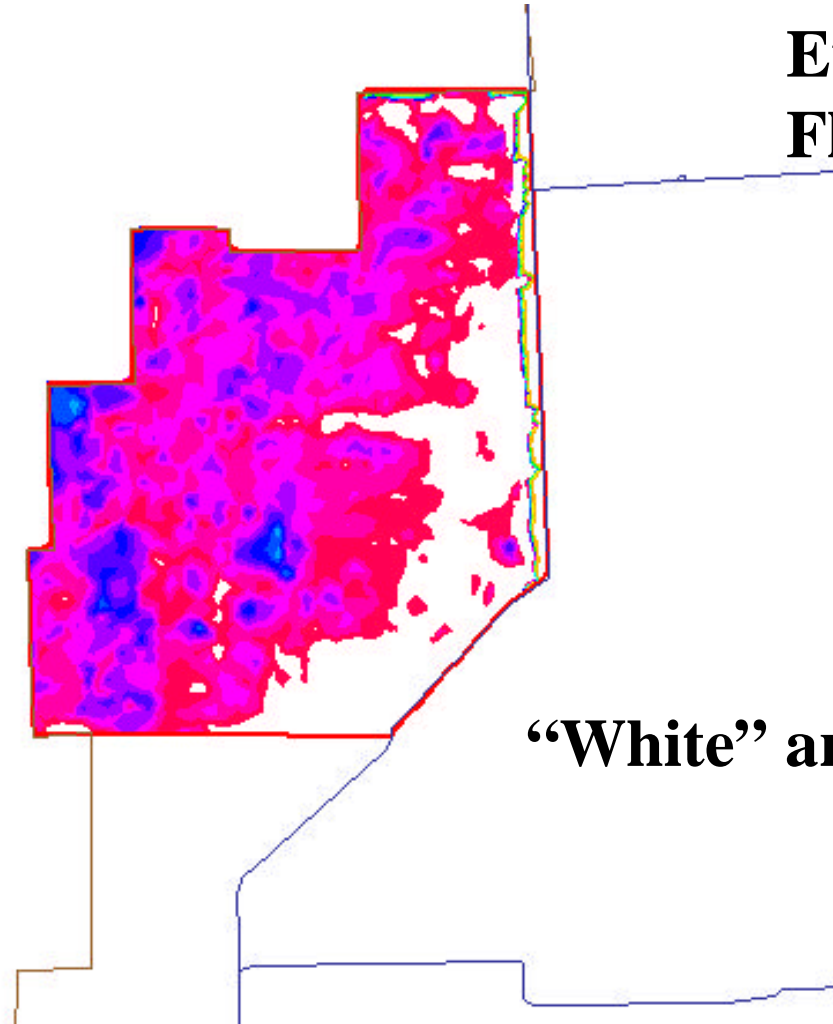
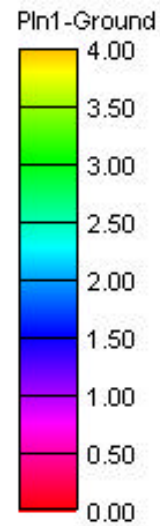
Inundation Map
Plan 1 - Week 26

Figure 118

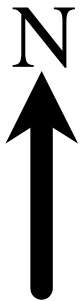
US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan1_95_95ops
Contours as shown on Legend above

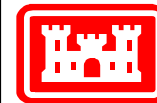
Evaluate 1 in 10 Yr Flood Protection



“White” areas are dry



Not to Scale



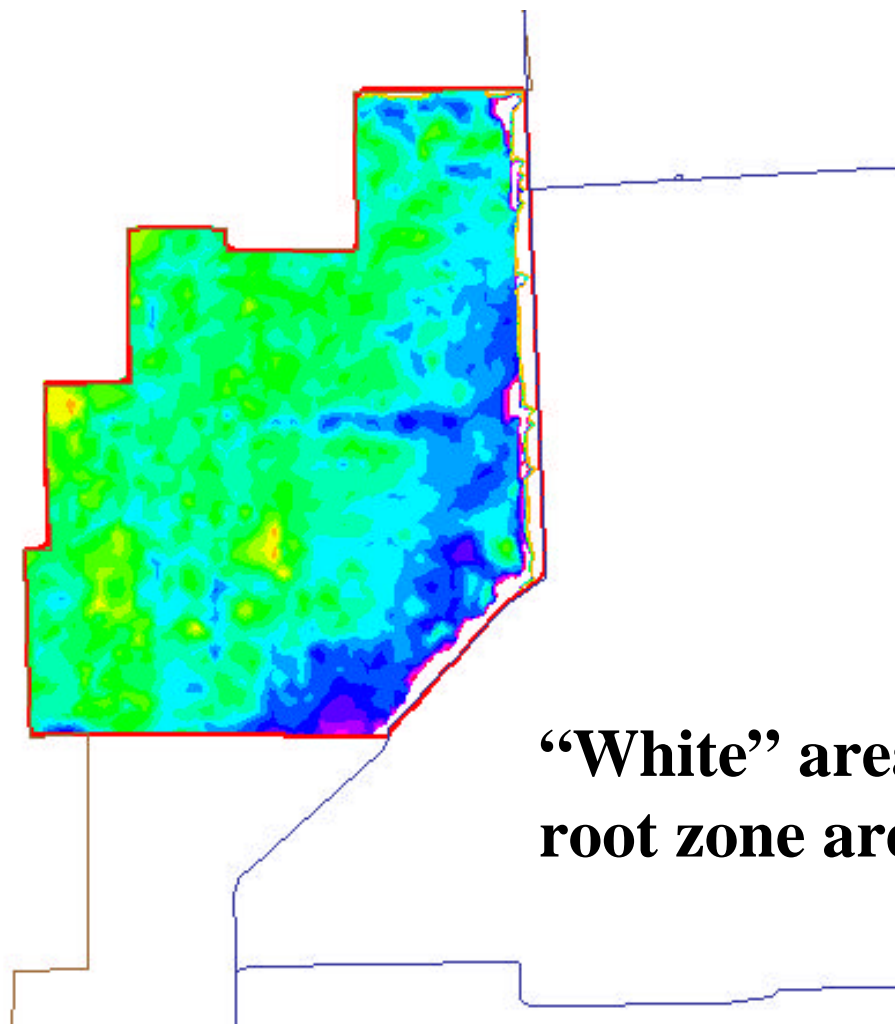
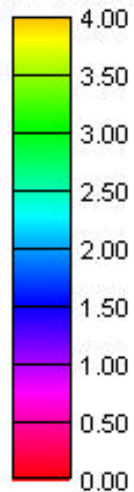
Inundation Map
Plan 1 - Week 23

Figure 118b

US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan1_95_95ops
Contours as shown on Legend above

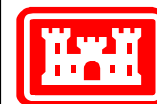
Pln1-RootZone



**“White” areas indicate
root zone areas are dry**



Not to Scale

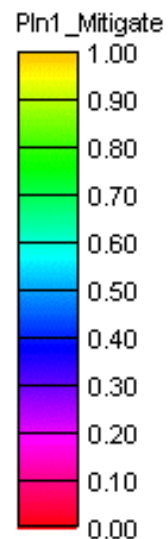


**Root Zone Inundation
Map Plan 1 - Week 23**

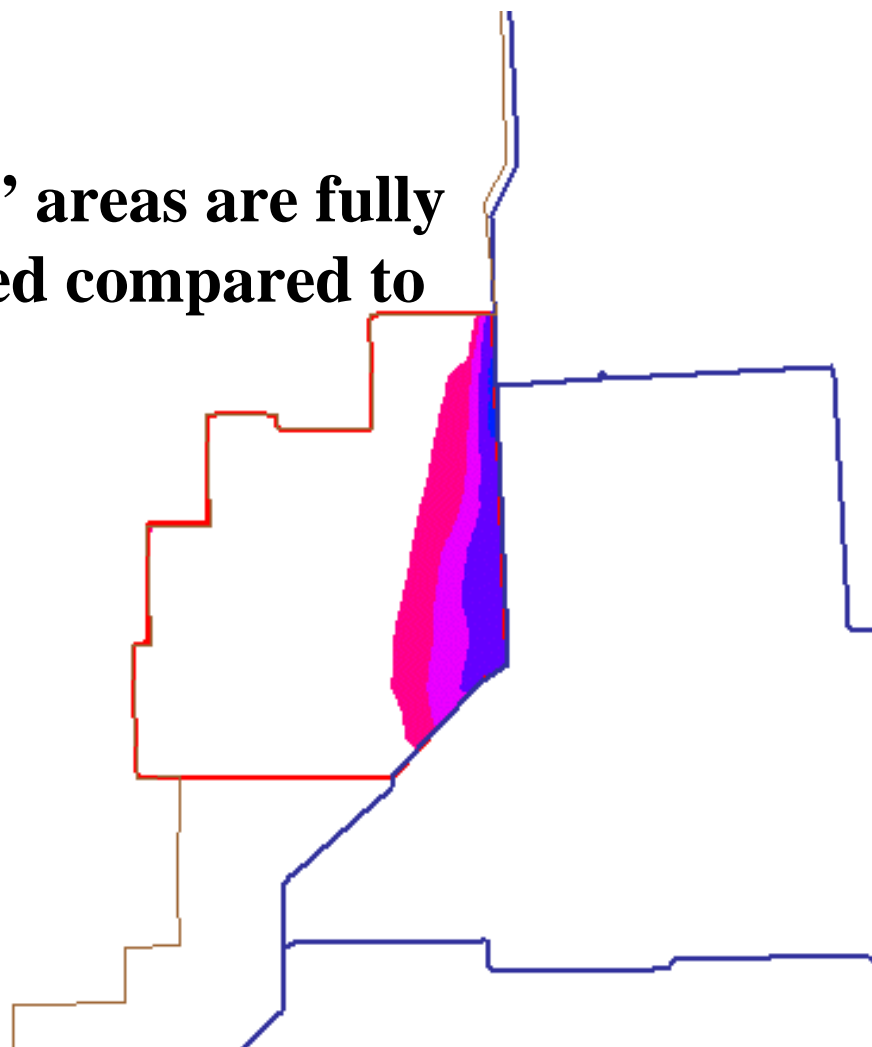
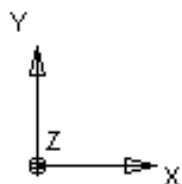
Figure 118c

**US Army Corps of Engineers
Jacksonville District**

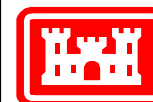
**Note: D13Rbc_Plan1_95_95ops
Contours as shown on Legend above**



“White” areas are fully mitigated compared to Base 83



Not to Scale

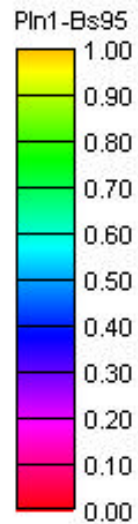


Mitigation Map
Plan 1 - Week 26

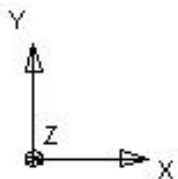
Figure 119

US Army Corps of Engineers
Jacksonville District

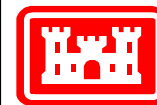
Note: D13Rbc_Plan1_95_95ops
Contours as shown on Legend above



“White” areas are fully mitigated compared to Base 95



Not to Scale



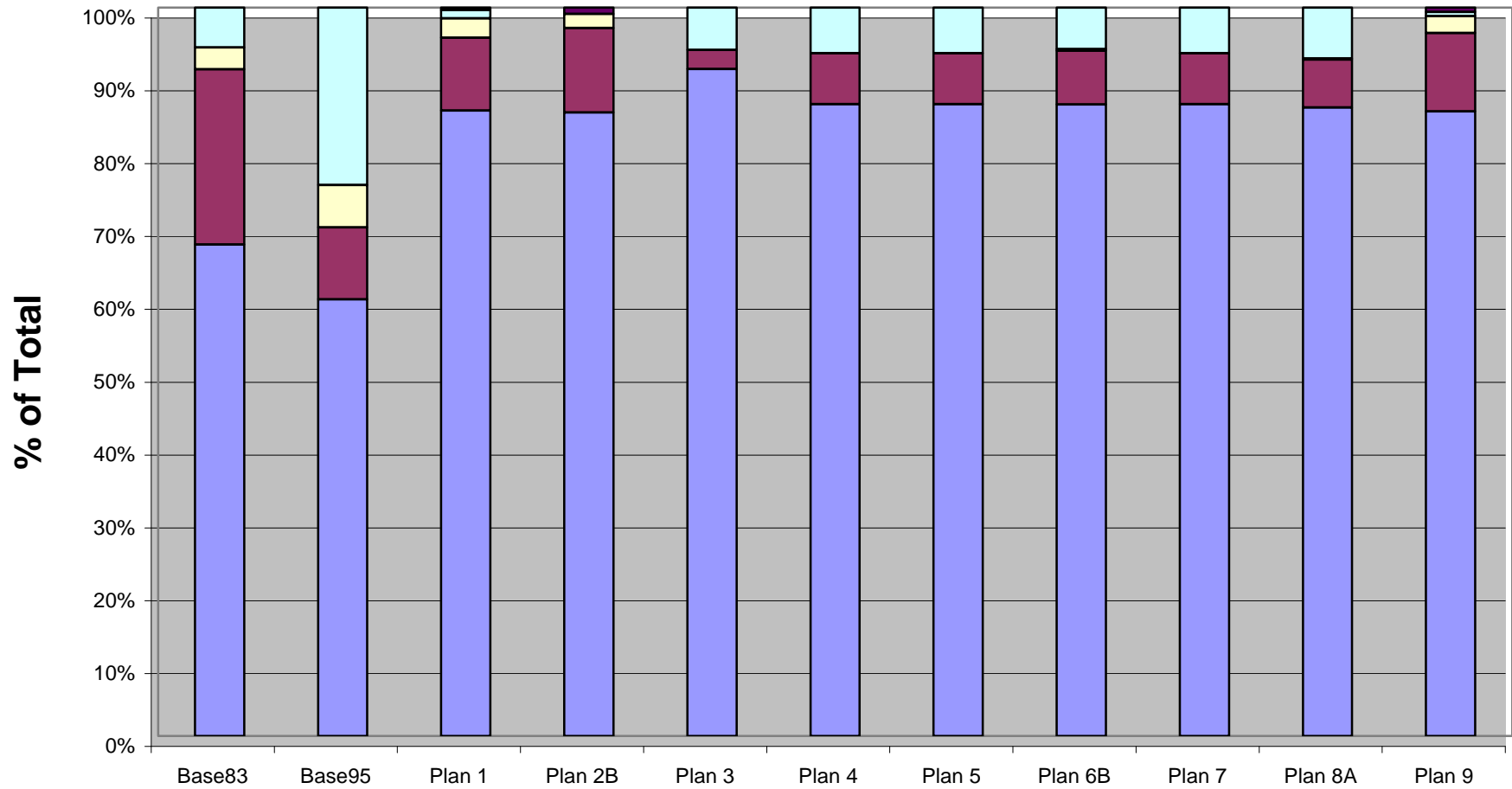
Mitigation Map
Plan 1 - Week 26

Figure 119b

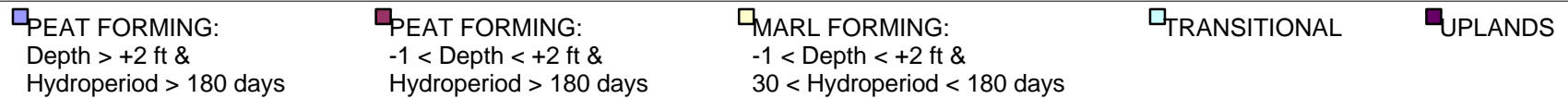
US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan1_95_95ops
Contours as shown on Legend above

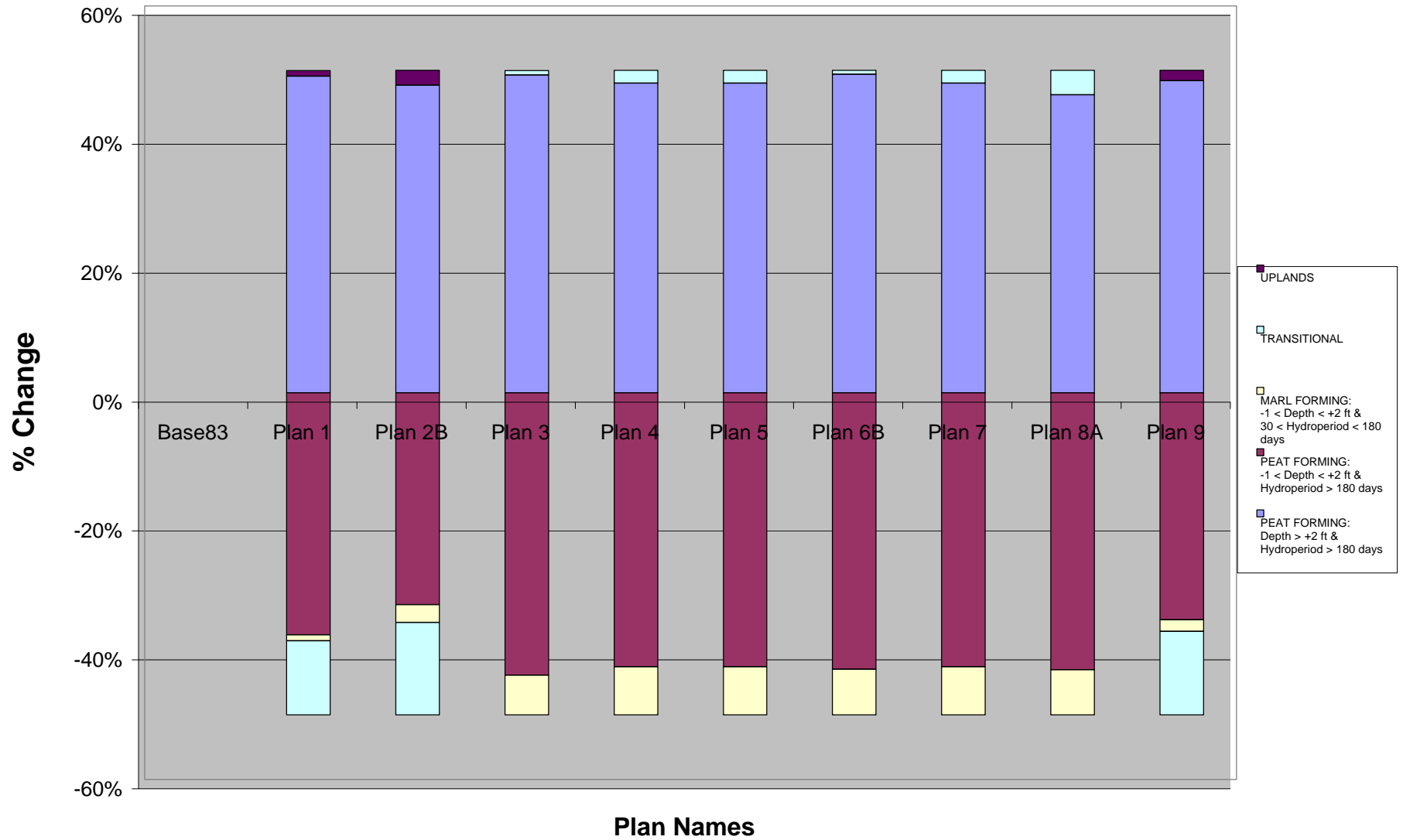
Estimated Wetland Types in NESRS by Project Alternative
Figure 120



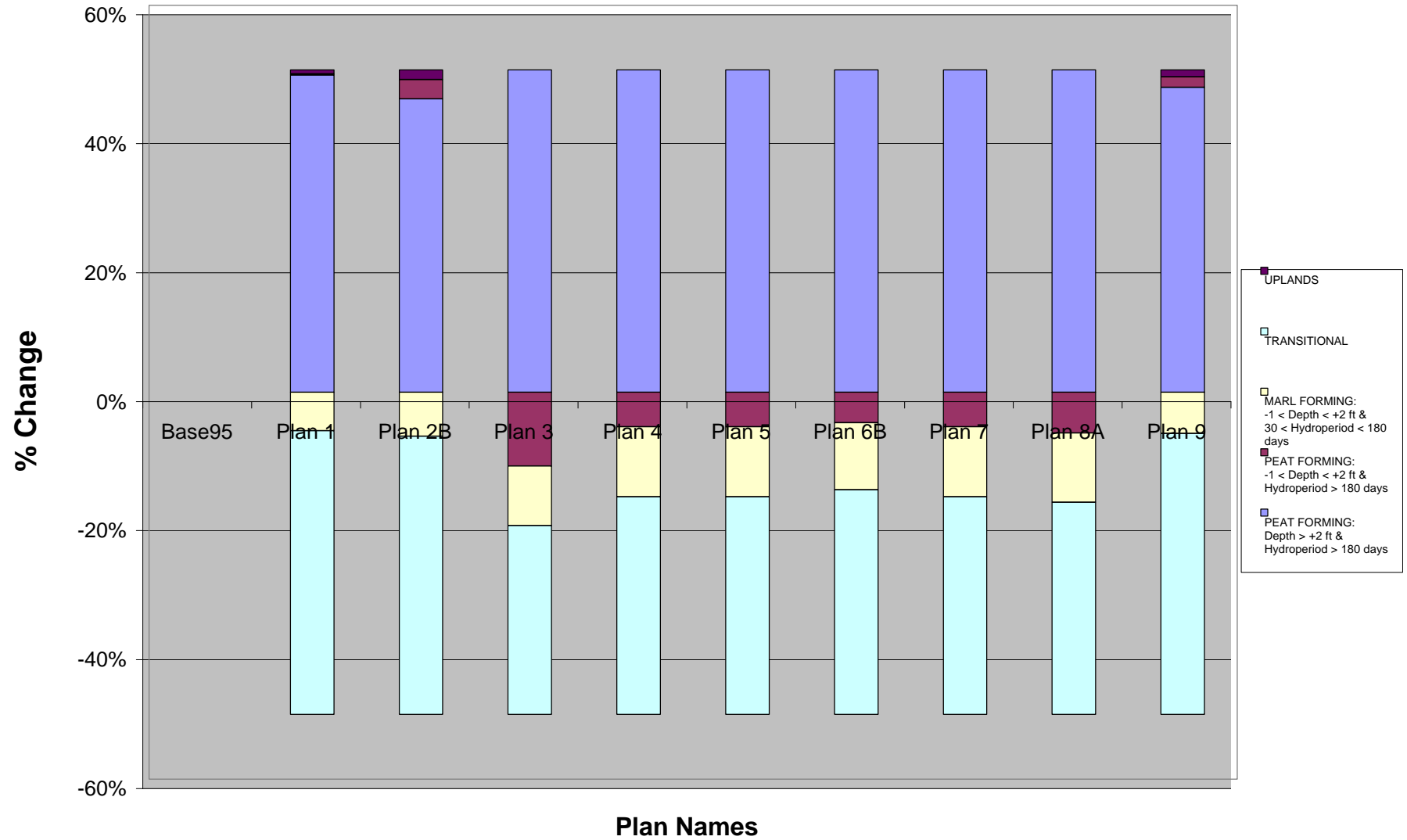
Plan Names



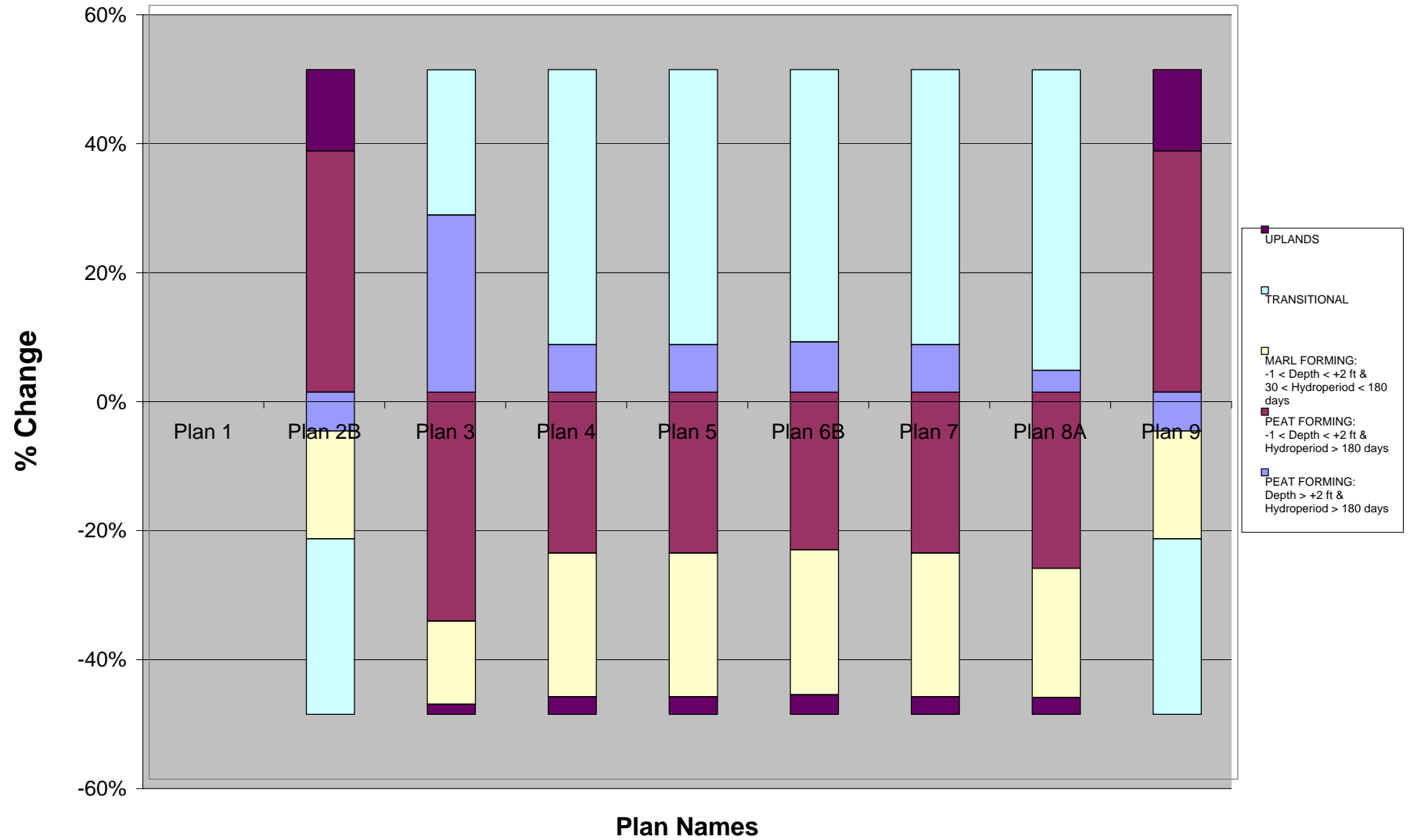
Resource Gain or Loss, Plans versus Base 83
Figure 121

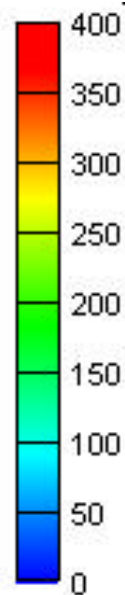
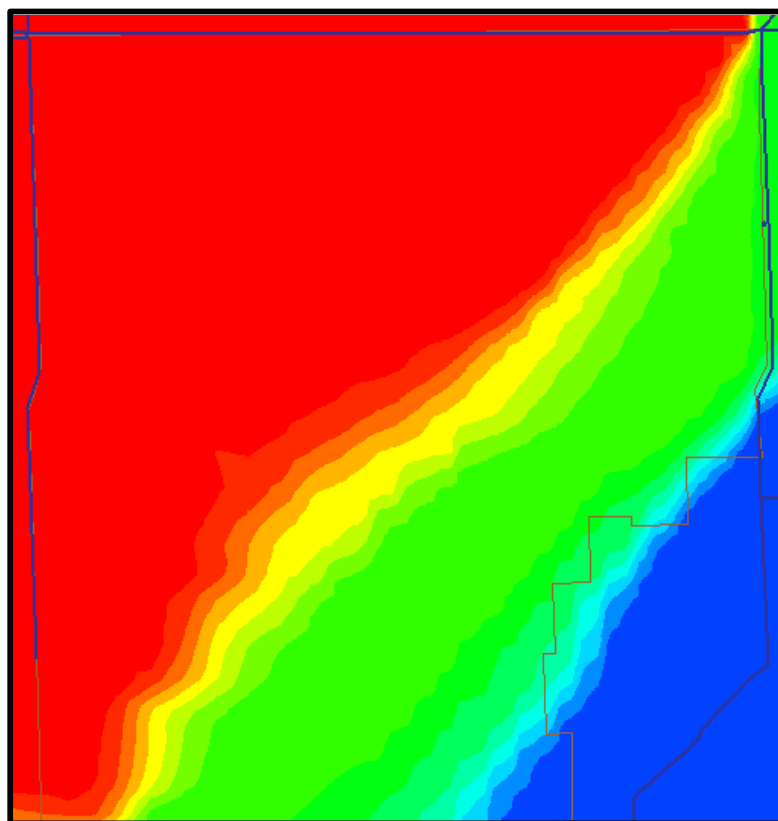


Resource Gain or Loss, Plans versus Base95
Figure 122



Resource Gain or Loss, LPAs versus Plan1
Figure 123



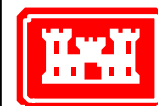


Hydroperiod



Not to Scale

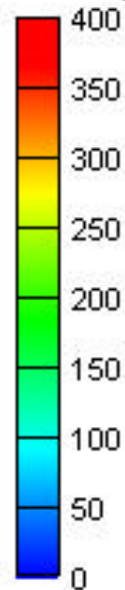
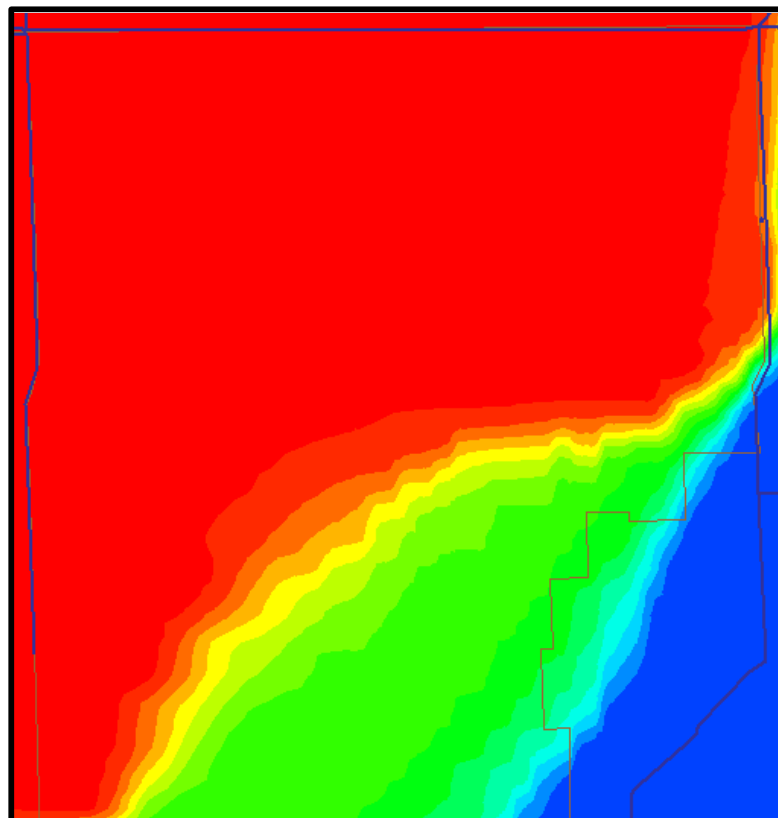
Note: Base95bc_Exist_95ops
Contours as shown on legend above



Existing Conditions in
1995

Figure 124

US Army Corps of Engineers
Jacksonville District



Hydroperiod



Not to Scale

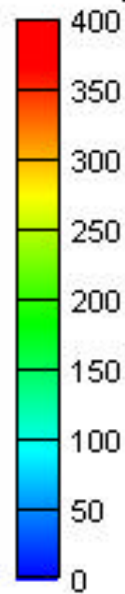
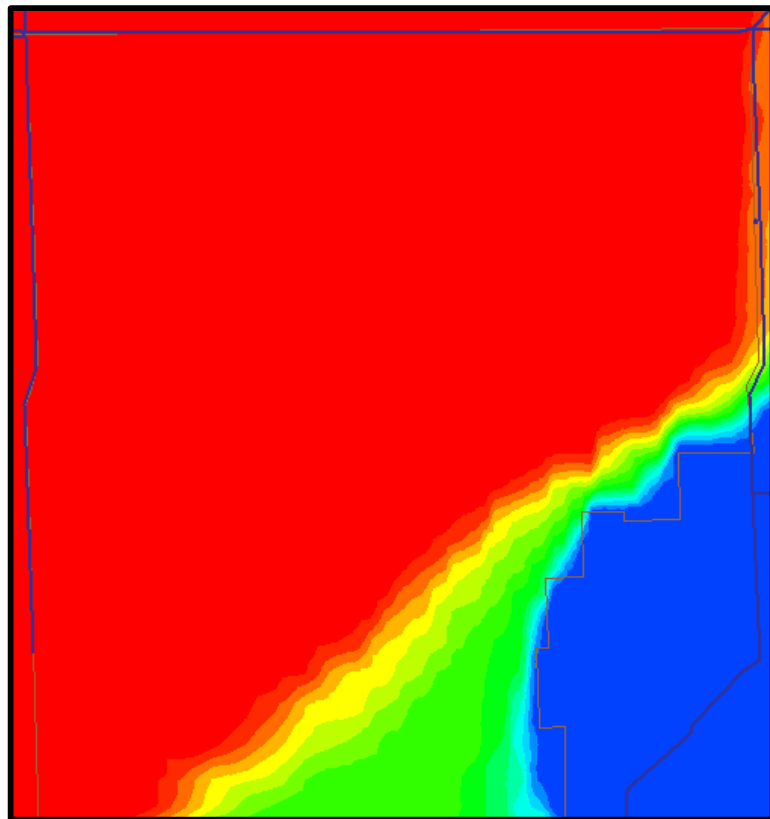


Existing Conditions in
1983

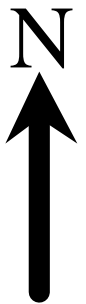
Figure 125

Note: Base83bc_Exist_83ops

US Army Corps of Engineers
Jacksonville District



Hydroperiod



Not to Scale

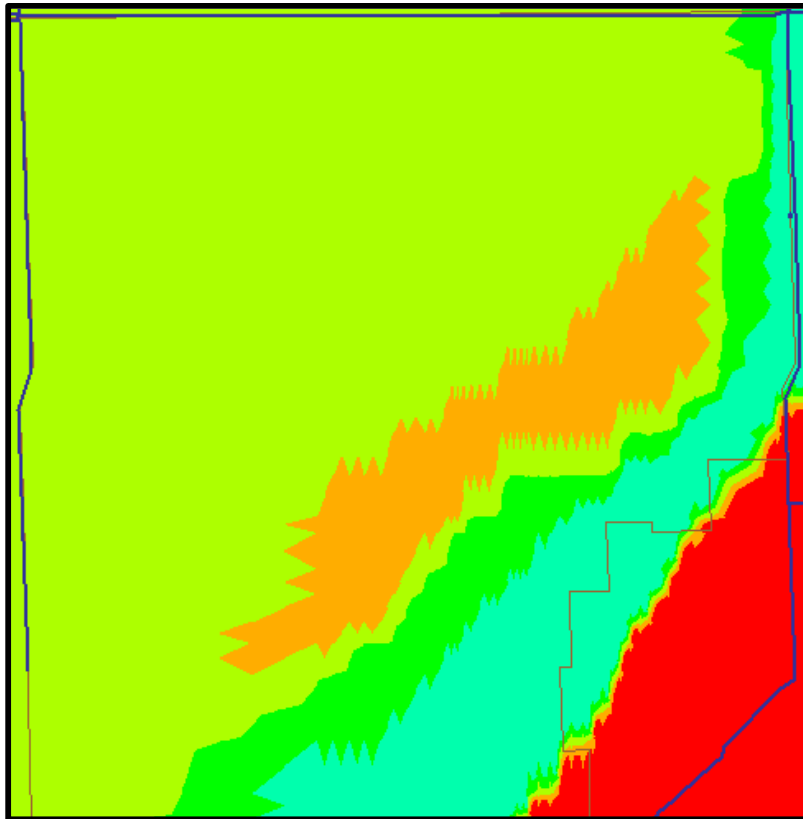


Future Conditions
with Plan 1 in place






Figure 126

Note: D13Rbc_plan1_95ops

US Army Corps of Engineers
Jacksonville District

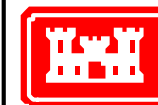


Extent of Wetlands

-  **Peat-Forming:** Depth > 2',
Hydroperiod > 180 days
-  **Peat-Forming:** -1' < Depth < +2',
Hydroperiod > 180 days
-  **Marl-Forming:** -1' < Depth < +2',
30 < Hydroperiod < 180 days
-  **Transitional**
-  **Upland**



Not to Scale

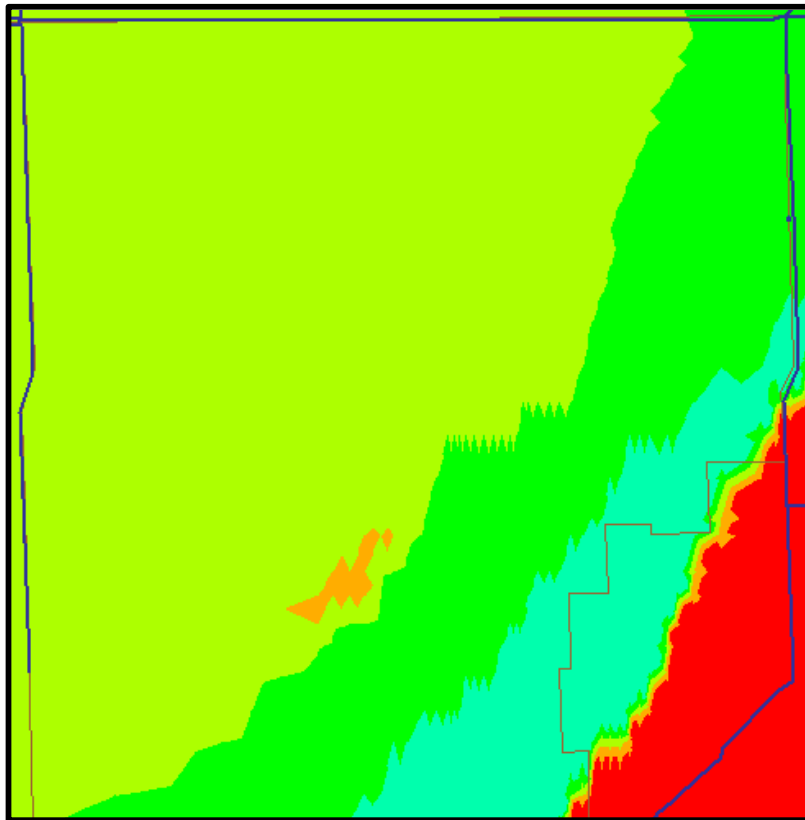


Existing Conditions in
1995






Figure 127

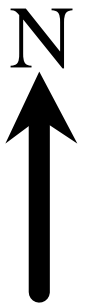
Note: Base95bc_Exist_95ops

US Army Corps of Engineers
Jacksonville District

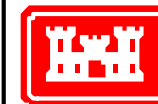


Extent of Wetlands

-  **Peat-Forming:** Depth > 2',
Hydroperiod > 180 days
-  **Peat-Forming:** -1' < Depth < +2',
Hydroperiod > 180 days
-  **Marl-Forming:** -1' < Depth < +2',
30 < Hydroperiod < 180 days
-  **Transitional**
-  **Upland**



Not to Scale

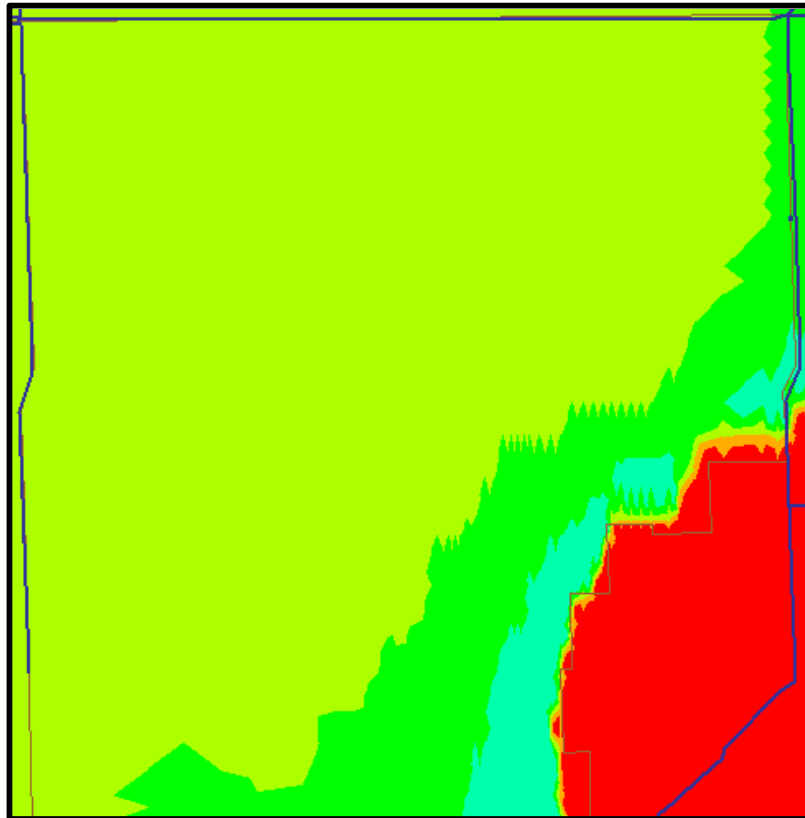


Existing Conditions in
1983






Figure 128

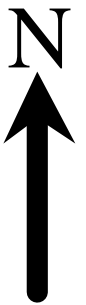
US Army Corps of Engineers
Jacksonville District

Note: Base83bc_Exist_83ops



Extent of Wetlands

-  **Peat-Forming:** Depth > 2',
Hydroperiod > 180 days
-  **Peat-Forming:** -1' < Depth < +2',
Hydroperiod > 180 days
-  **Marl-Forming:** -1' < Depth < +2',
30 < Hydroperiod < 180 days
-  **Transitional**
-  **Upland**



Not to Scale



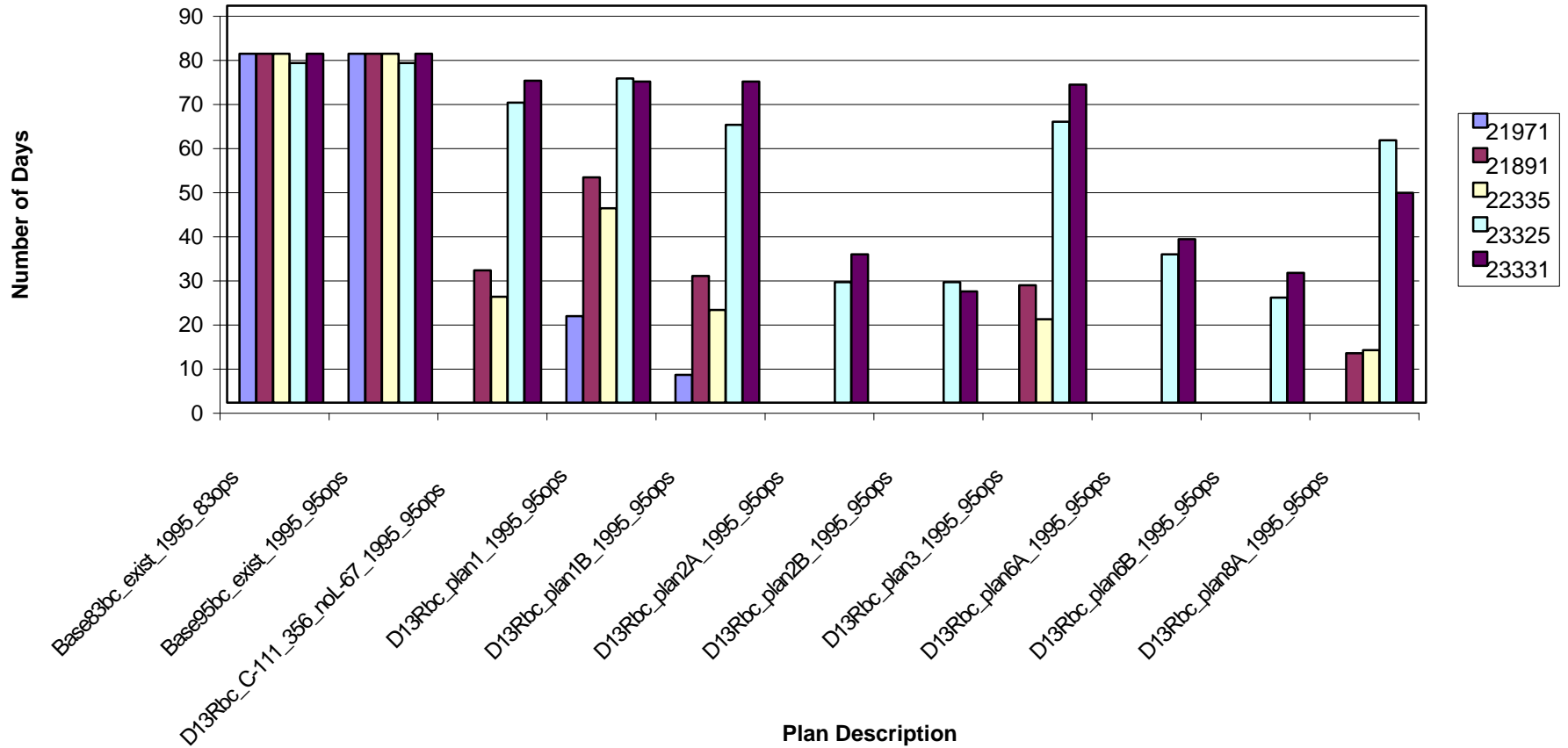
Future Conditions
with Plan 1 in place

Figure 129

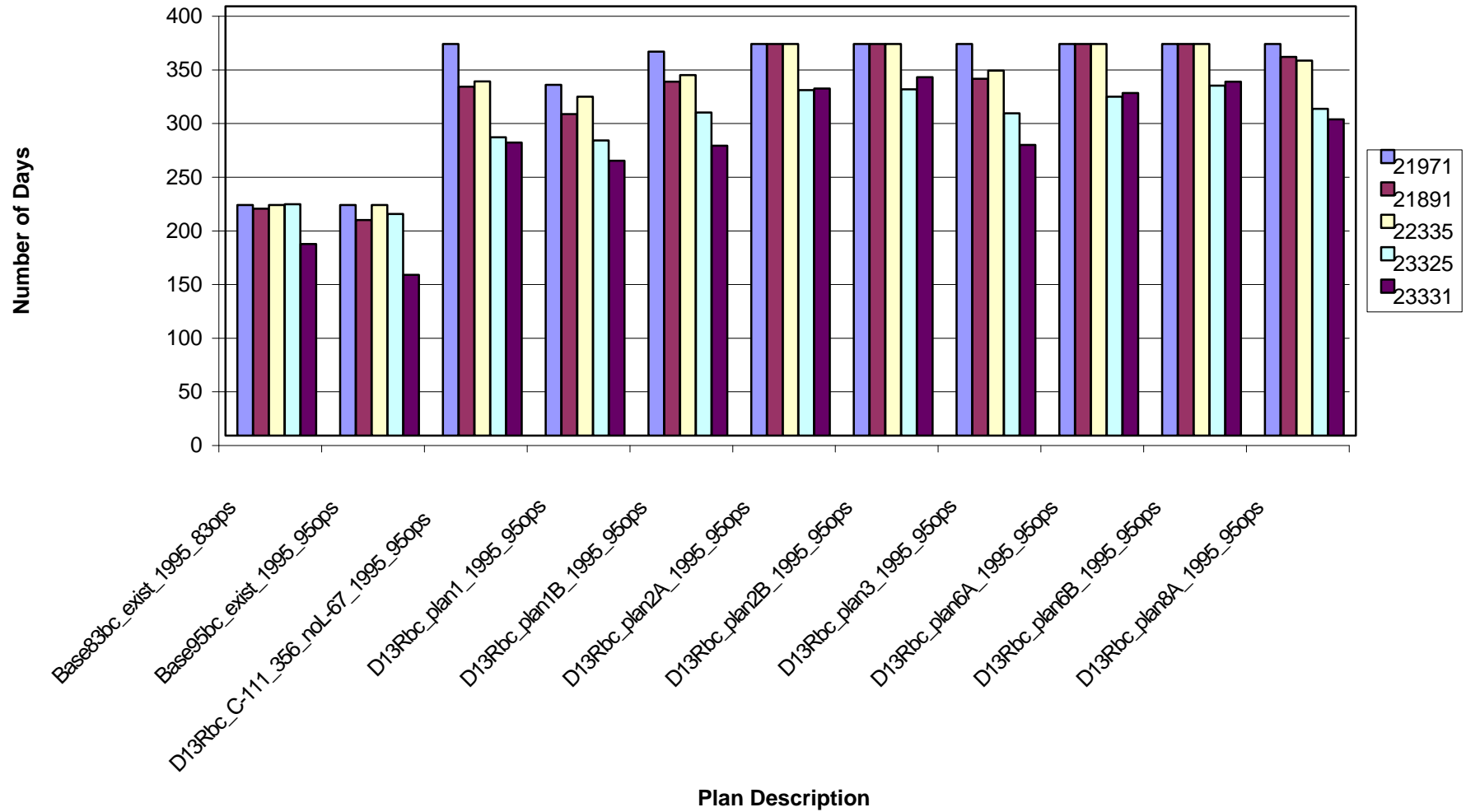
US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_plan1_95ops

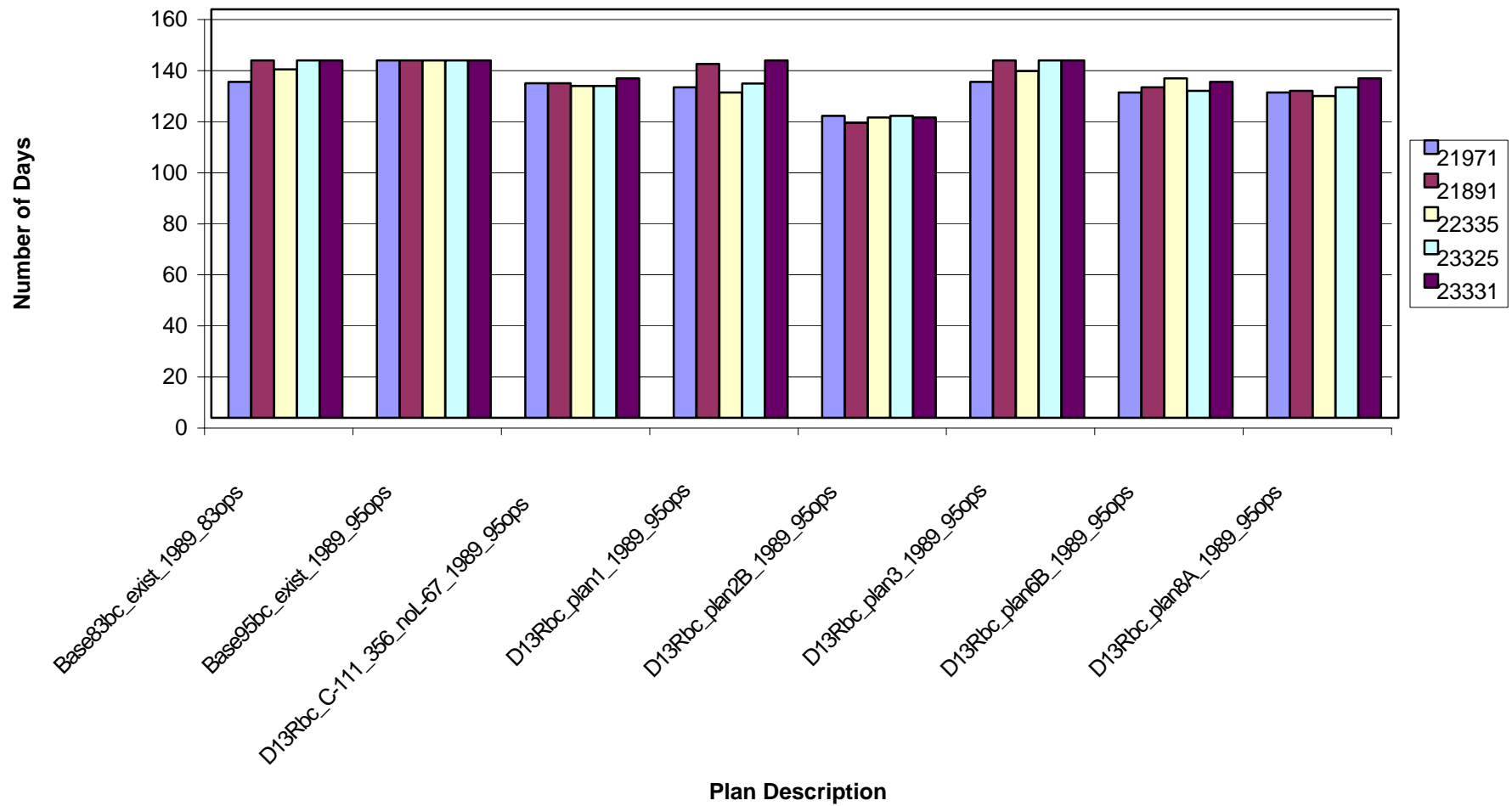
**Estimated Number of Days Water Surface Elevation is Below Ground Surface
(Week 10-Week 30)
Selected CSSS Indicator Cells
FIGURE 130**



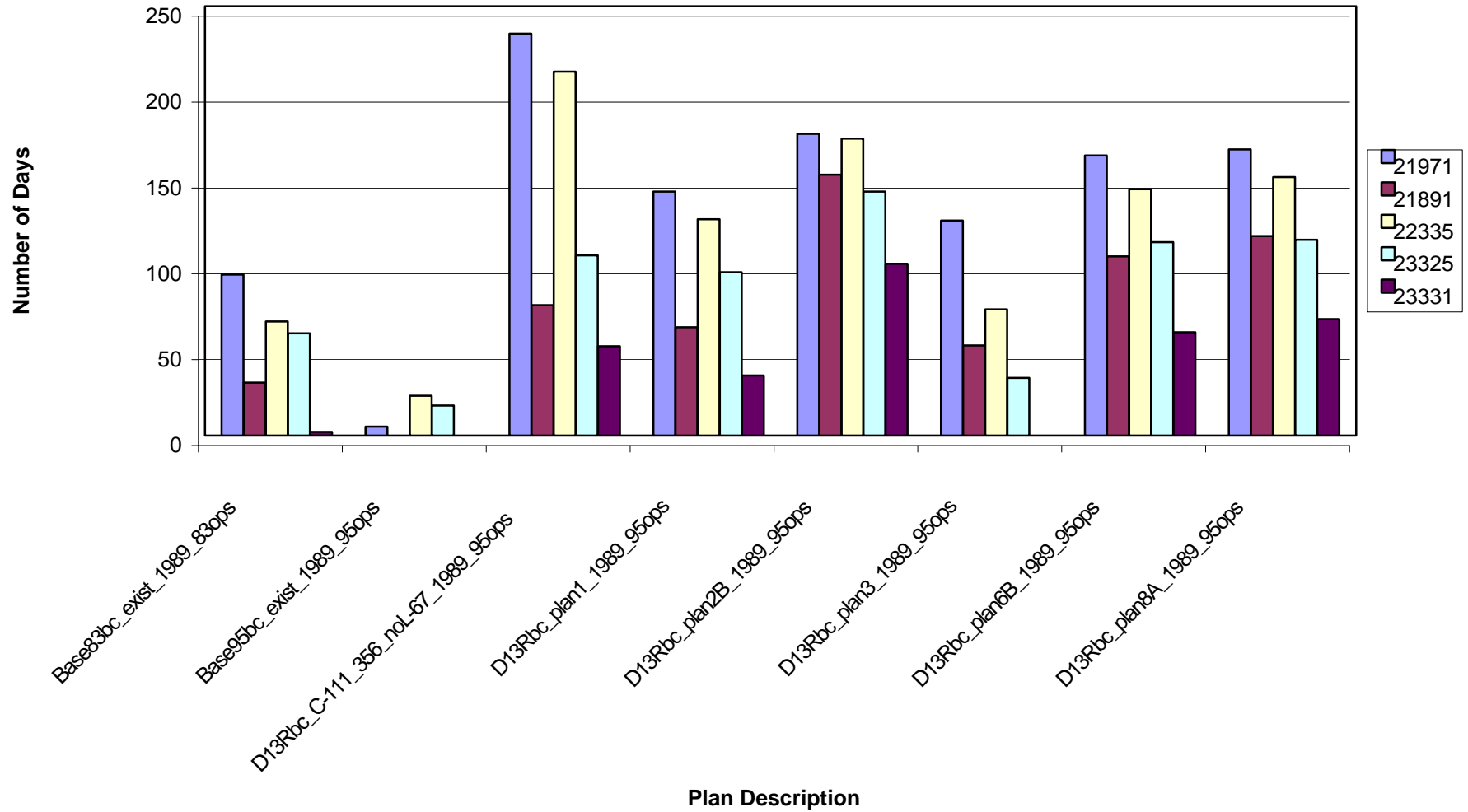
**Estimated Total Number of Days Water Surface Elevation is above Ground Surface
Selected CSSS Indicator Cells
FIGURE 131**

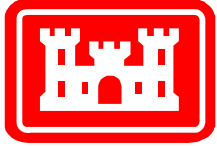


Estimated Number of Days Water Surface Elevation is Below Ground Surface (Week10-Week
30)
Selected CSSS Indicator Cells
FIGURE 132



**Estimated Total Number of Days Water Surface Elevation is above Ground Surface
Selected CSSS Indicator Cells
FIGURE 133**





**US Army Corps
of Engineers**
Jacksonville District

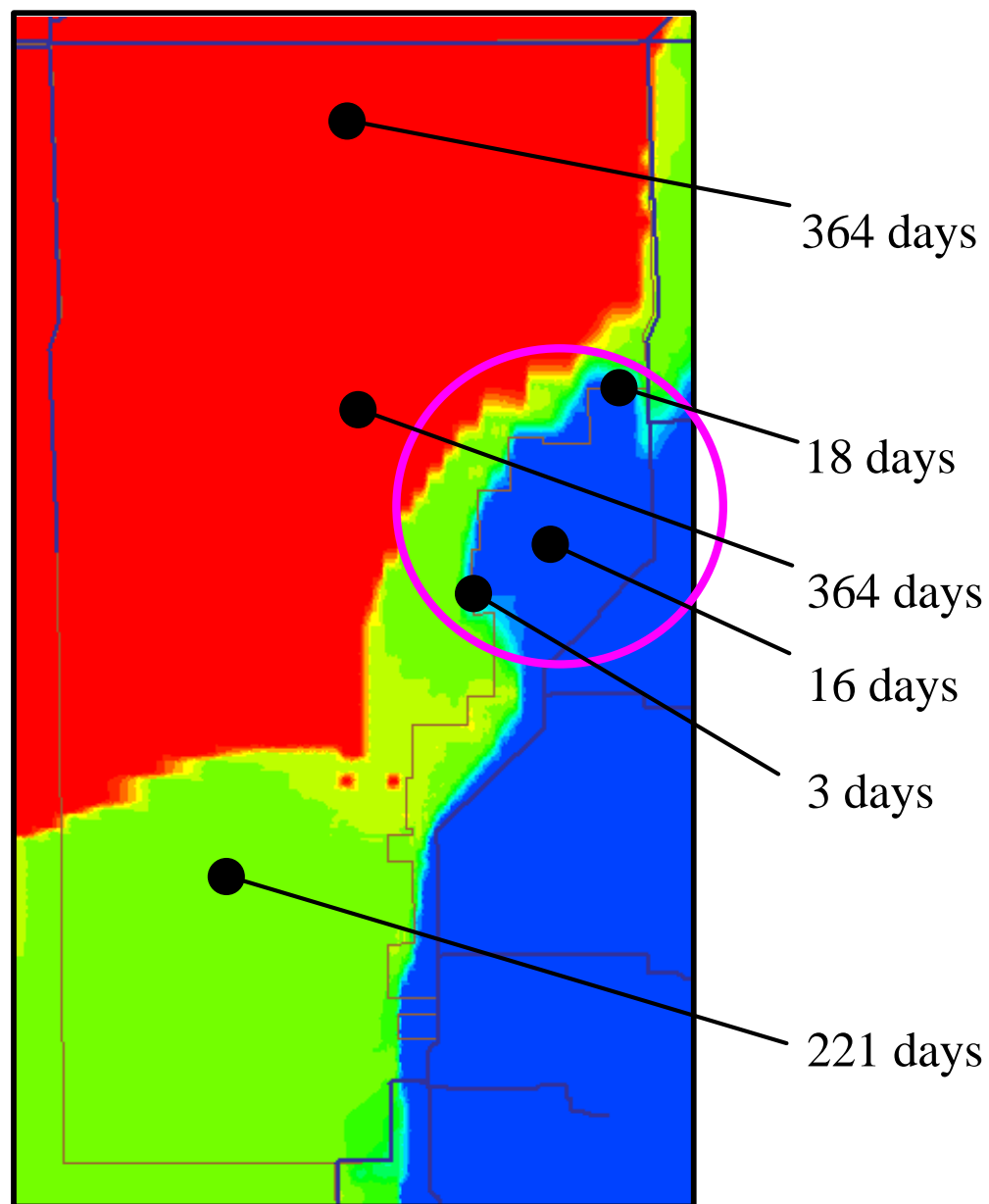


DRAFT

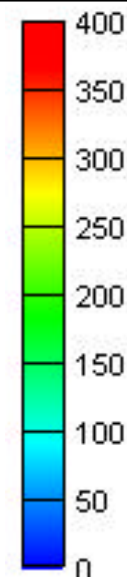
03/15/00

**8.5 Square Mile Area (SMA)
Hydraulic and Hydrogeologic Model Report
APPENDIX A**

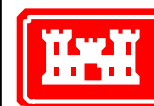
**Alternatives to be Evaluated
PLAN 2B**



Number of
Days



Not to Scale



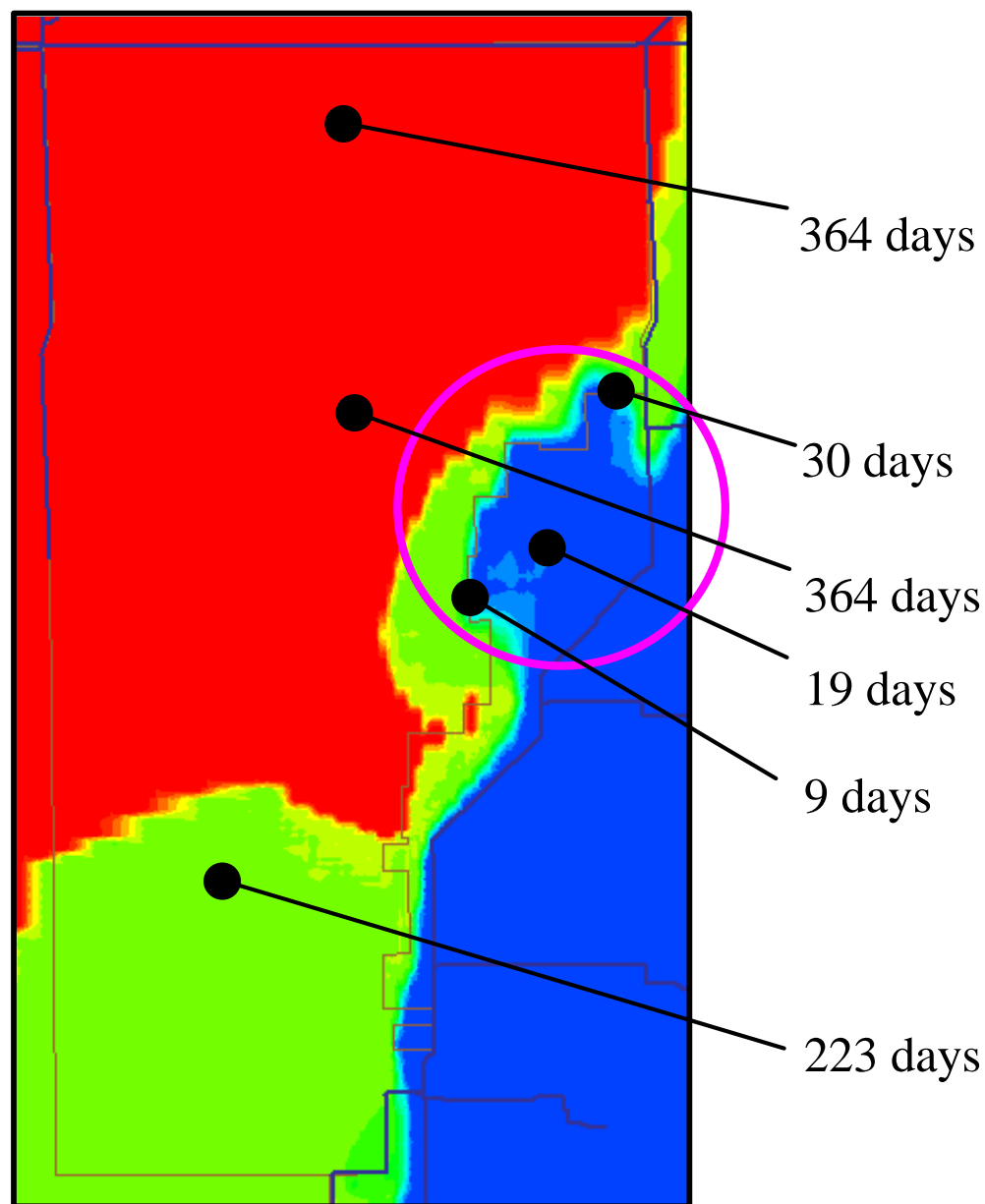
Future Conditions with
wet year & Plan 2B

Duration of Continuous Inundation
Depth > 0.2 ft

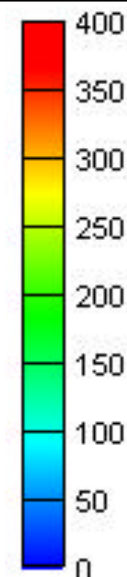
Figure 134

US Army Corps of Engineers
Jacksonville District

Note: D13R_plan2B_1995_95ops
Contours as shown on legend above



Number of
Days



Not to Scale



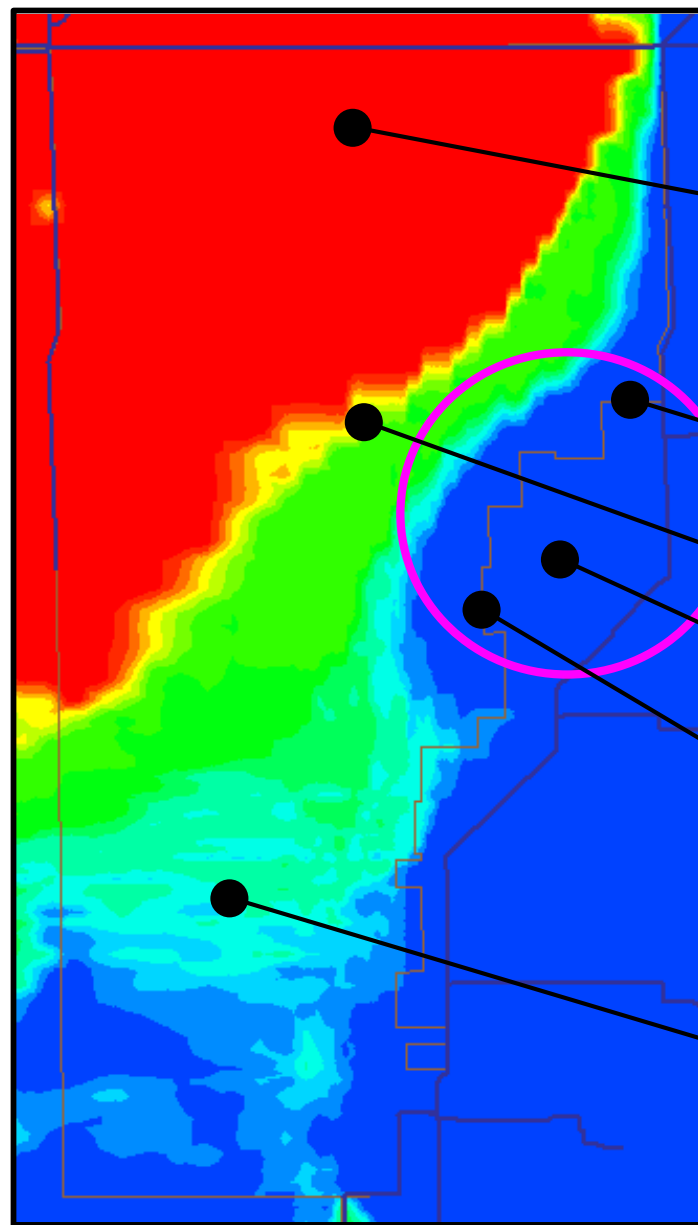
Future Conditions with
wet year & Plan 2B

Duration of Continuous Inundation
Depth > 0.0 ft

Figure 134b

US Army Corps of Engineers
Jacksonville District

Note: D13R_plan2B_1995_95ops
Contours as shown on legend above



364 days

0 days

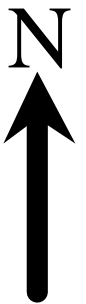
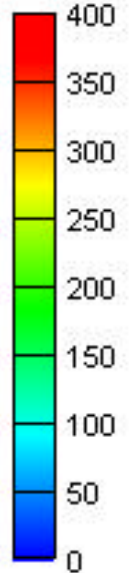
187 days

0 days

0 days

58 days

Number of
Days



Not to Scale



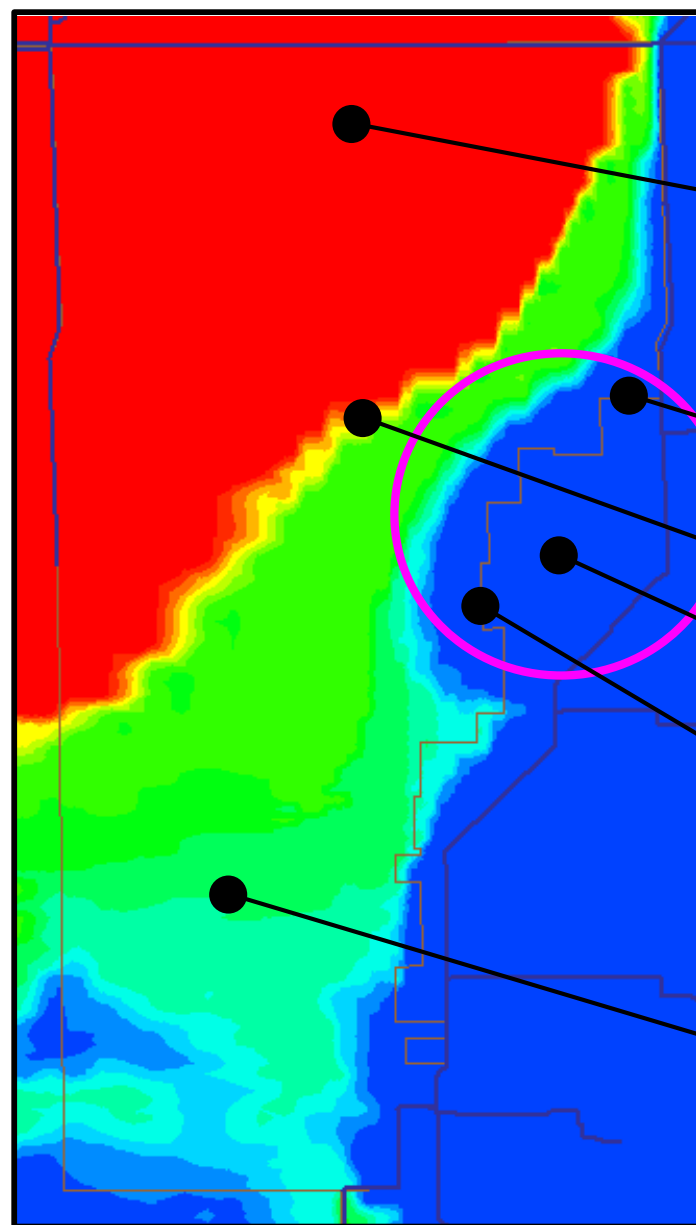
Future Conditions with
dry year & Plan 2B

Duration of Continuous Inundation
Depth > 0.2 ft

Figure 135

US Army Corps of Engineers
Jacksonville District

Note: D13R_plan2B_1989_95ops
Contours as shown on legend above



364 days

0 days

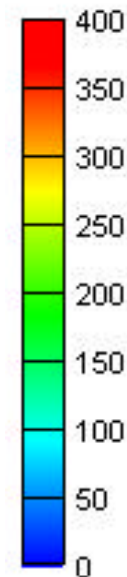
270 days

0 days

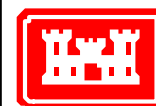
0 days

120 days

Number of
Days



Not to Scale



Future Conditions with
dry year & Plan 2B

Duration of Continuous Inundation
Depth > 0.0 ft

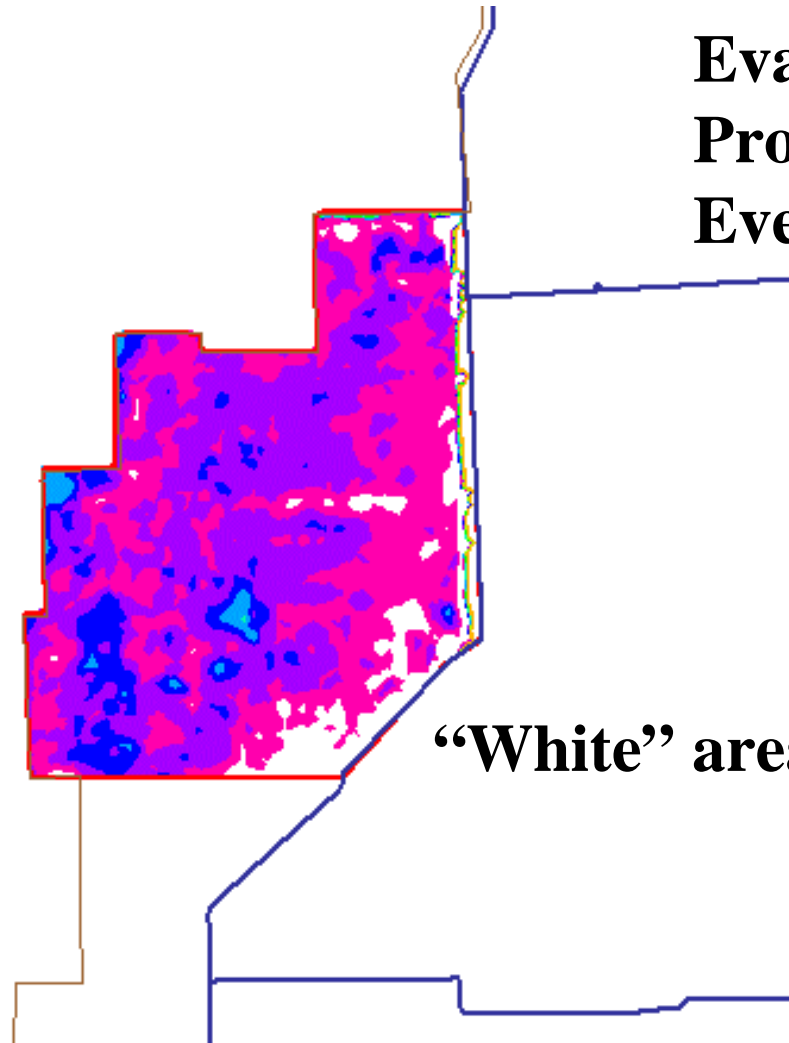
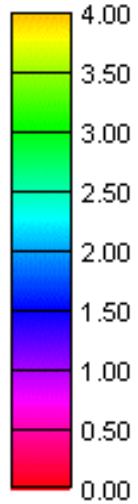
Figure 135b

US Army Corps of Engineers
Jacksonville District

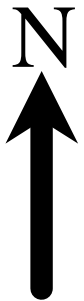
Note: D13R_plan2B_1989_95ops
Contours as shown on legend above

Evaluate Flood Protection for SPF Event

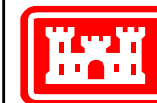
D13R_Pln2B_det_inundation



“White” areas are dry



Not to Scale



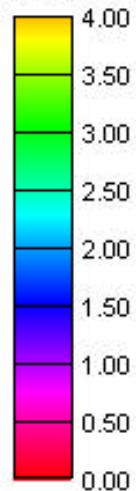
Inundation Map
Plan 2B - Week 26

Figure 136

US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan2B_95_95ops
Contours as shown on Legend above

Pln2B-Ground

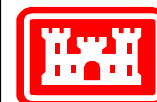


Evaluate 1 in 10 Yr Flood Protection

“White” areas are dry



Not to Scale



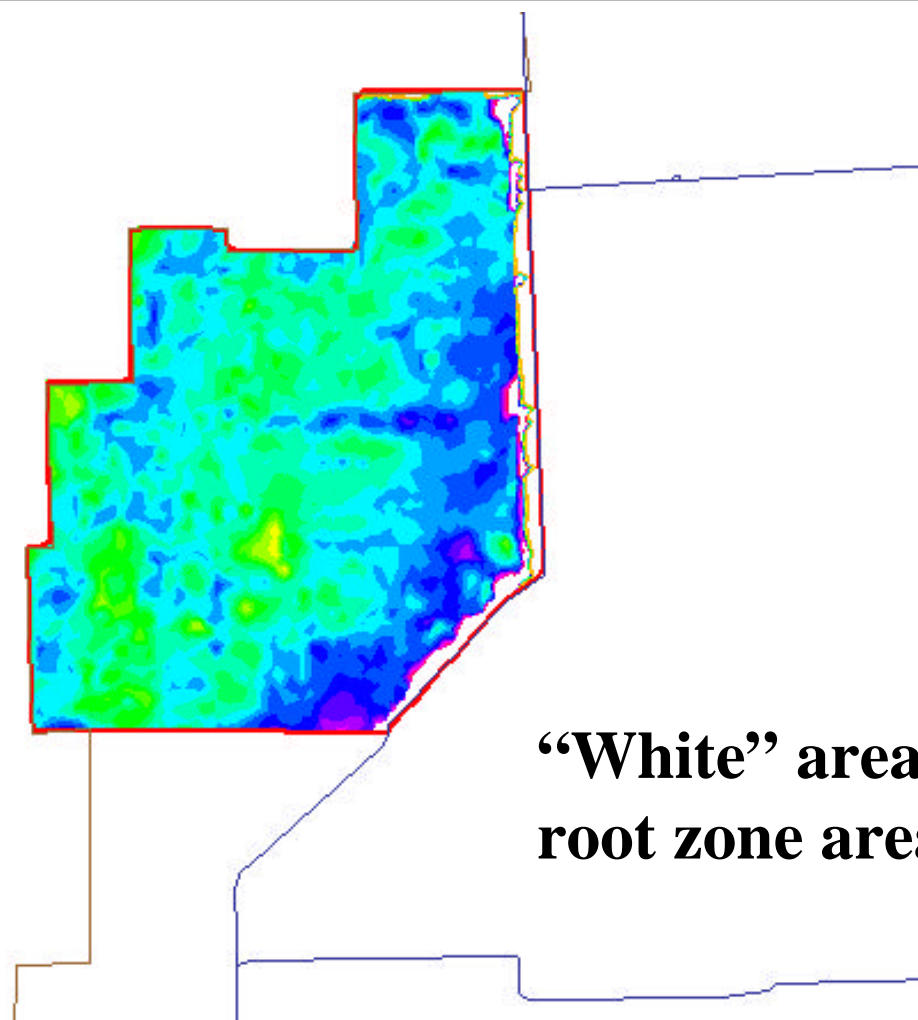
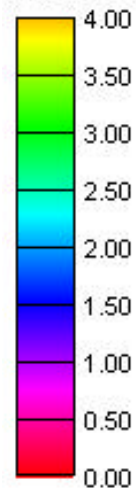
Inundation Map
Plan 2B - Week 23

Figure 136b

US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan2B_95_95ops
Contours as shown on Legend above

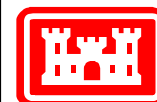
Pln2B-RootZone



**“White” areas indicate
root zone areas are dry**



Not to Scale



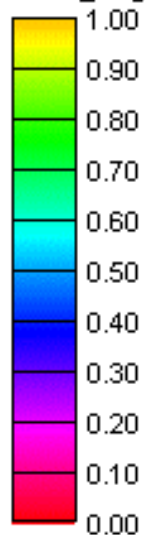
**Root Zone Inundation
Map Plan 2B - Week
23**

Figure 136c

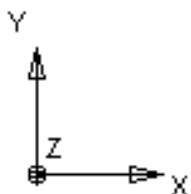
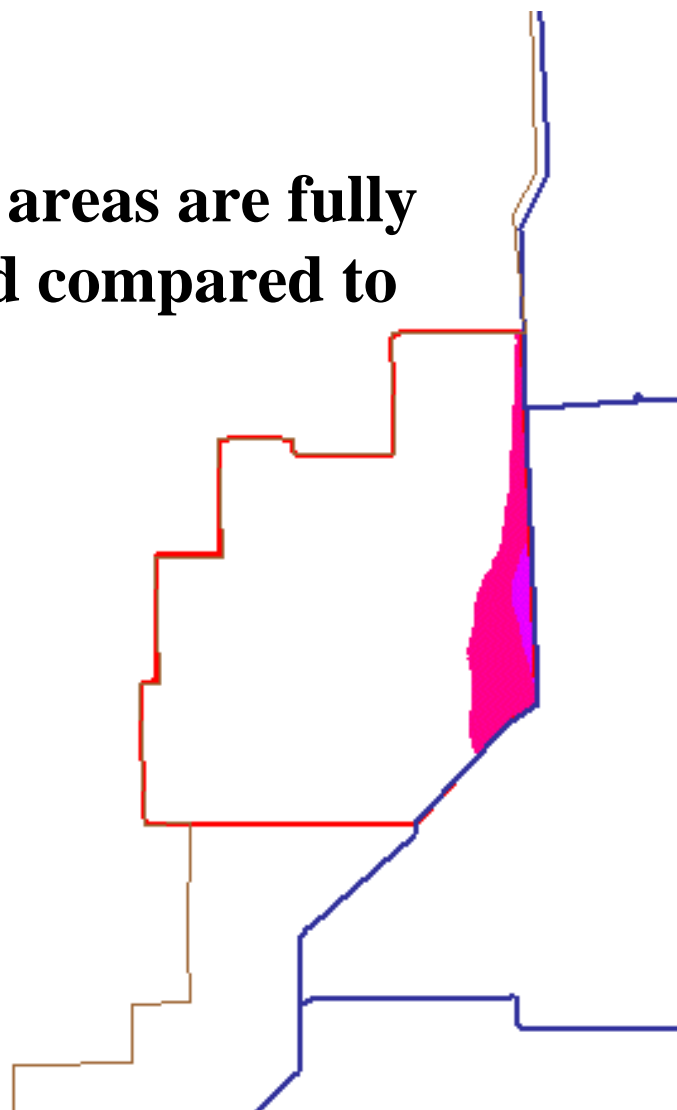
**US Army Corps of Engineers
Jacksonville District**

**Note: D13Rbc_Plan2B_95_95ops
Contours as shown on Legend above**

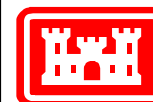
Pln2B_Mitigate



“White” areas are fully mitigated compared to Base 83



Not to Scale



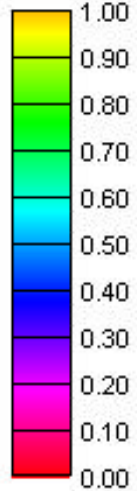
Mitigation Map
Plan 2B - Week 26

Figure 137

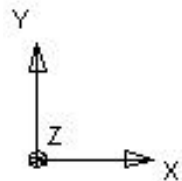
US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan2B_95_95ops
Contours as shown on Legend above

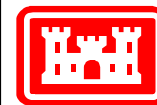
Pln2B-Bs95



“White” areas are fully mitigated compared to Base 95



Not to Scale

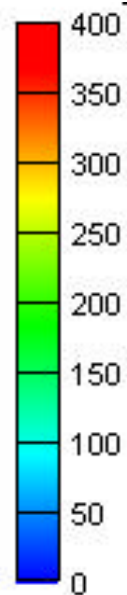
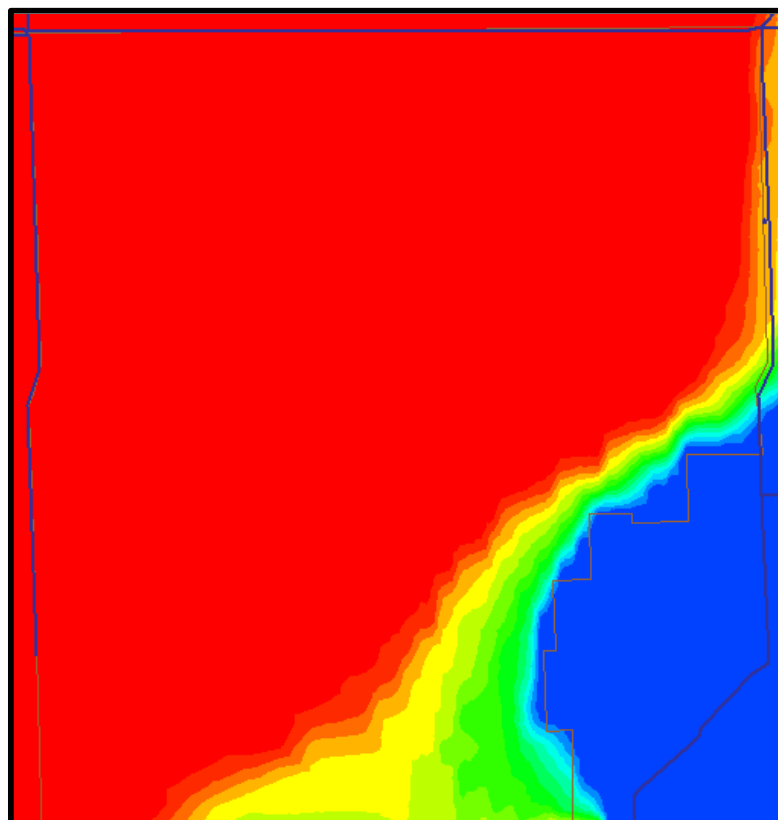


Mitigation Map
Plan 2B - Week 26

Figure 137b

US Army Corps of Engineers
Jacksonville District

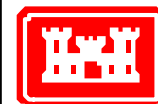
Note: D13Rbc_Plan2B_95_95ops
Contours as shown on Legend above



Hydroperiod



Not to Scale

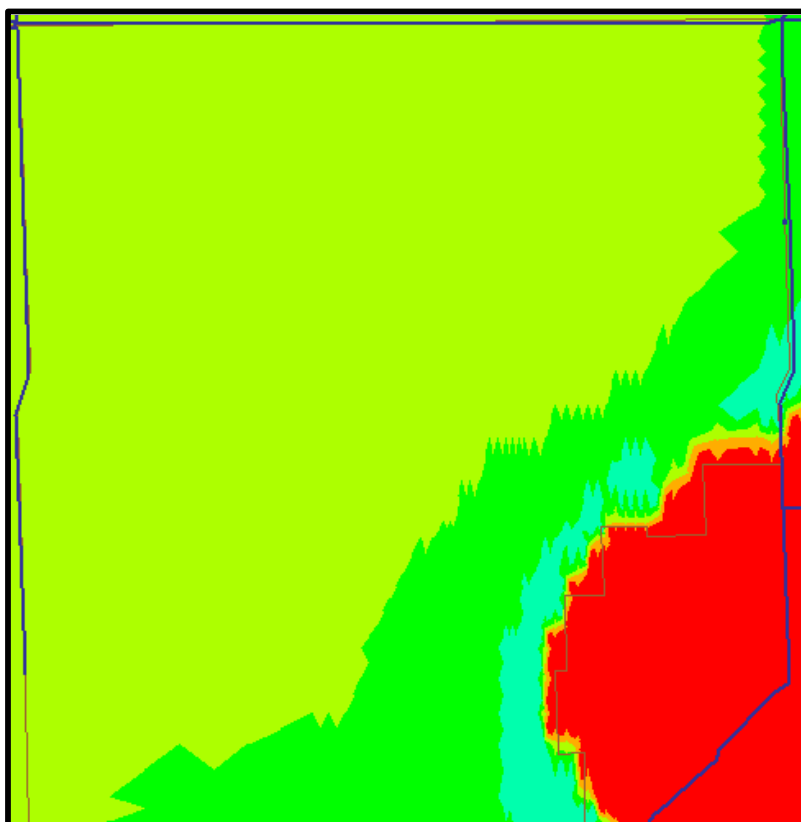


Future Conditions
with Plan 2B in place






Figure 138

Note: D13Rbc_plan2B_95ops

US Army Corps of Engineers
Jacksonville District



Extent of Wetlands

-  **Peat-Forming:** Depth > 2',
Hydroperiod > 180 days
-  **Peat-Forming:** -1' < Depth < +2',
Hydroperiod > 180 days
-  **Marl-Forming:** -1' < Depth < +2',
30 < Hydroperiod < 180 days
-  **Transitional**
-  **Upland**



Not to Scale

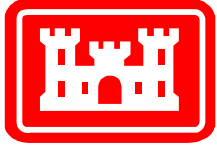


Future Conditions
with Plan 2B in place

Figure 139

US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_plan2B_95ops



**US Army Corps
of Engineers**
Jacksonville District

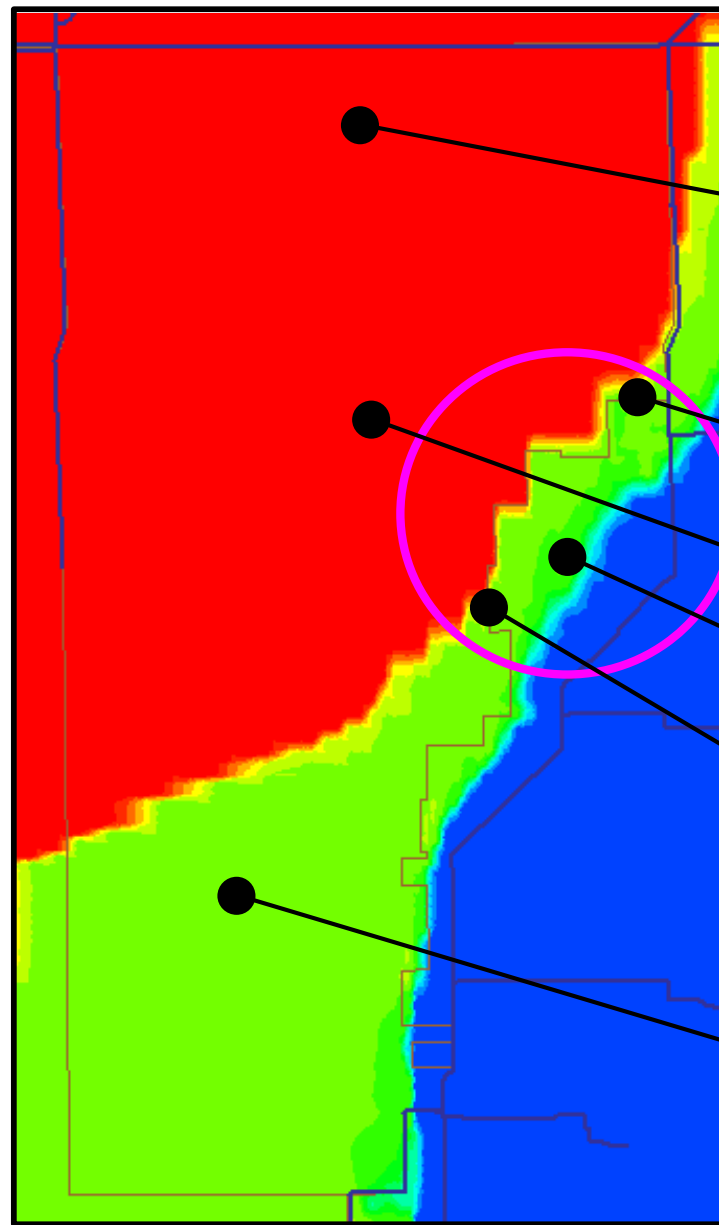


DRAFT

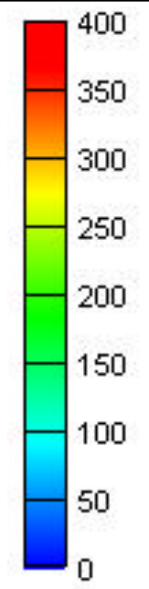
03/15/00

**8.5 Square Mile Area (SMA)
Hydraulic and Hydrogeologic Model Report
APPENDIX A**

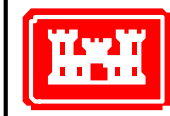
**Alternatives to be Evaluated
PLAN 3**



Number of
Days



Not to Scale



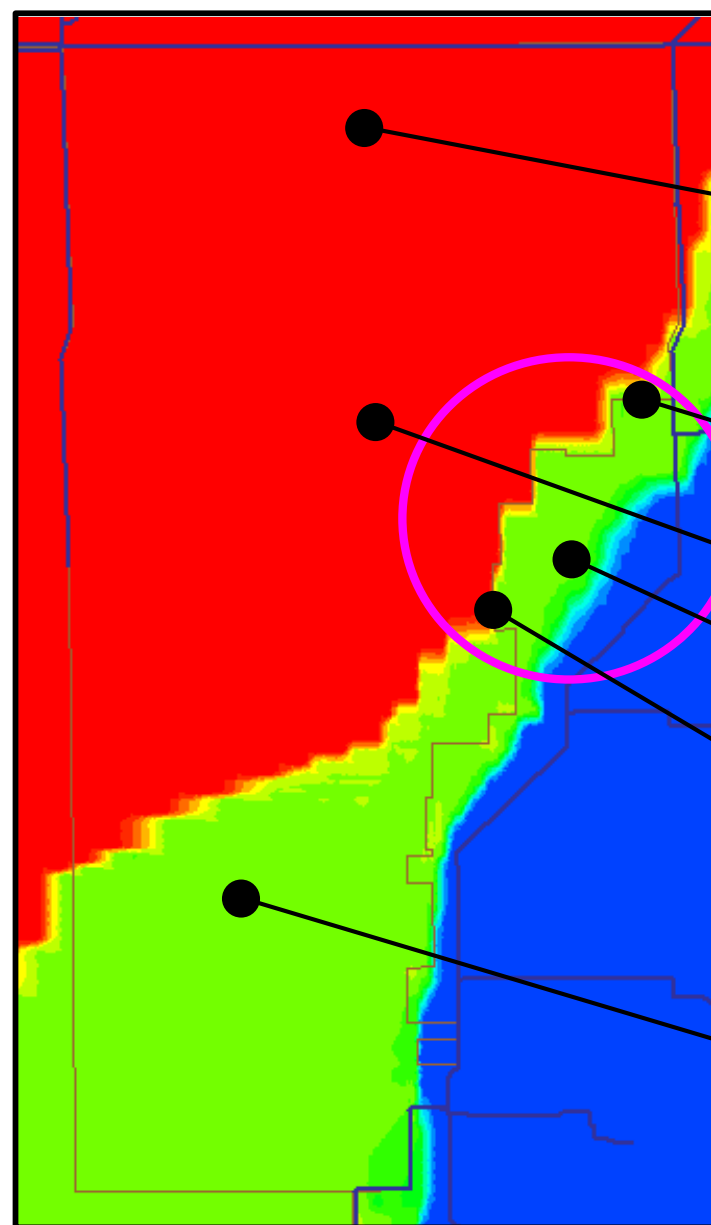
Future Conditions with
wet year & Plan 3

Duration of Continuous Inundation
Depth > 0.2 ft

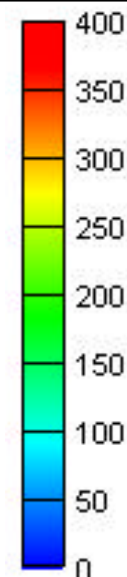
Figure 140

US Army Corps of Engineers
Jacksonville District

Note: D13R_plan3_1995_95ops
Contours as shown on legend above



Number of
Days



Not to Scale



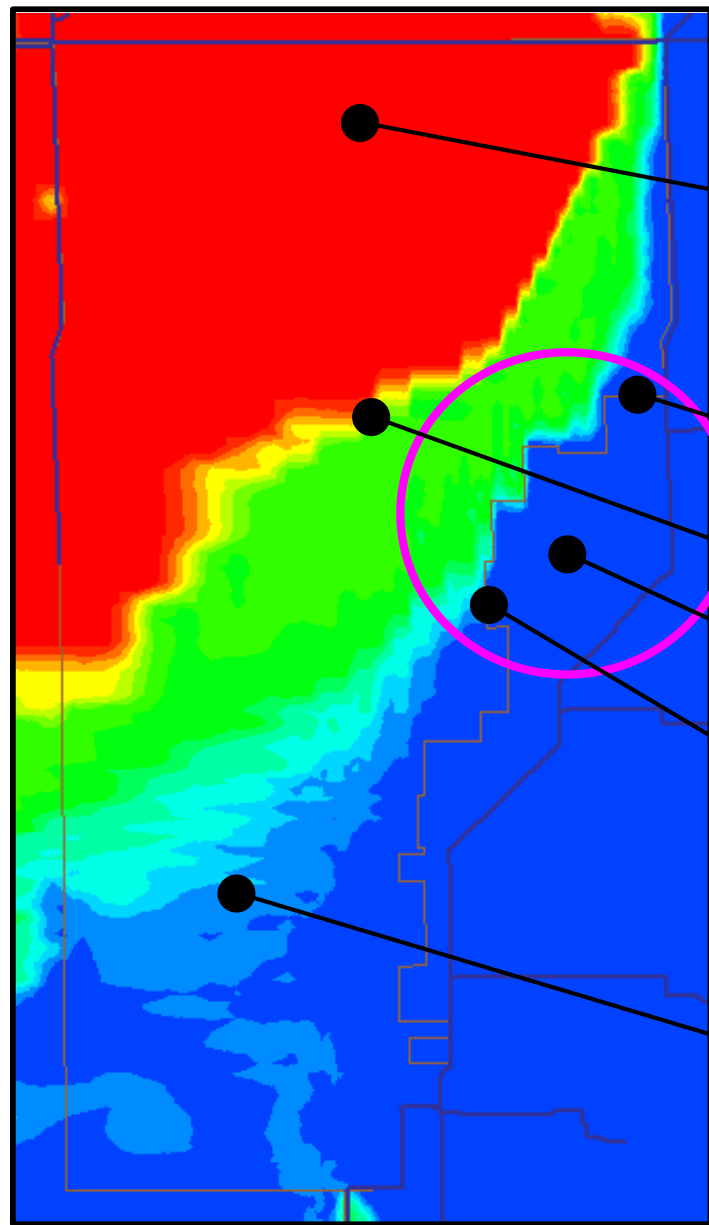
Future Conditions with
wet year & Plan 3

Duration of Continuous Inundation
Depth > 0.0 ft

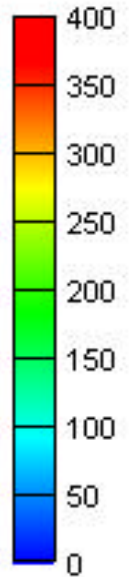
Figure 140b

US Army Corps of Engineers
Jacksonville District

Note: D13R_plan3_1995_95ops
Contours as shown on legend above



Number of
Days



Not to Scale



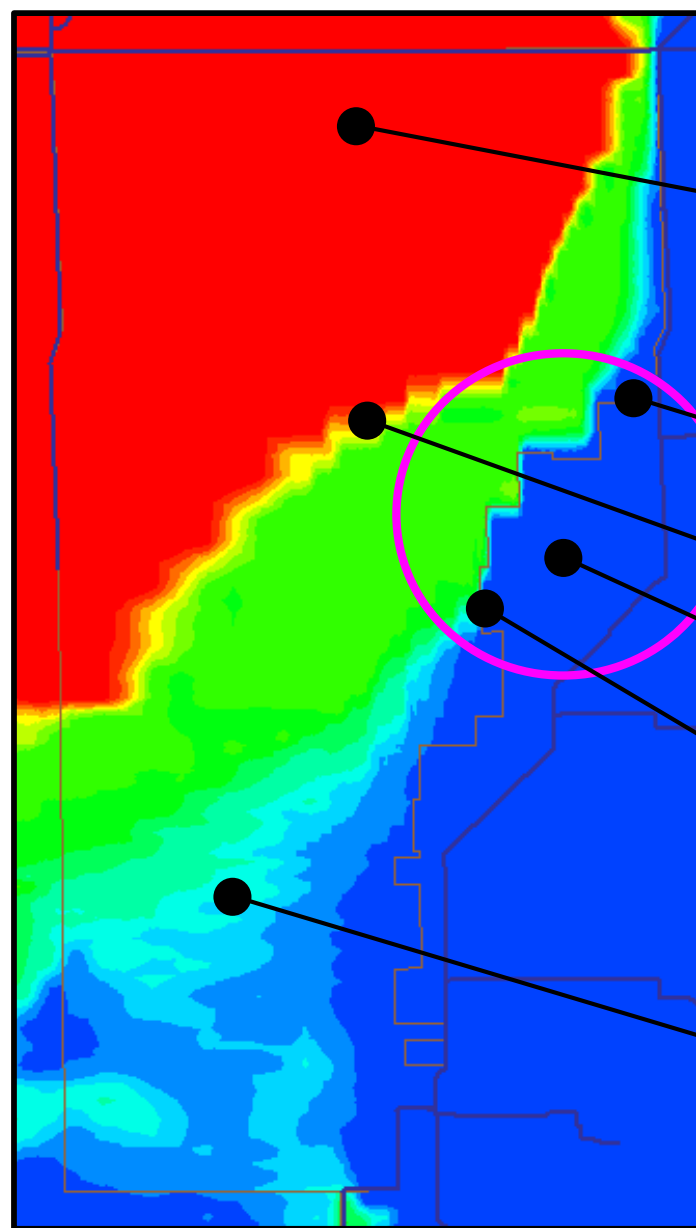
Future Conditions with
dry year & Plan 3

Duration of Continuous Inundation
Depth > 0.2 ft

Figure 141

US Army Corps of Engineers
Jacksonville District

Note: D13R_plan3_1989_95ops
Contours as shown on legend above



364 days

0 days

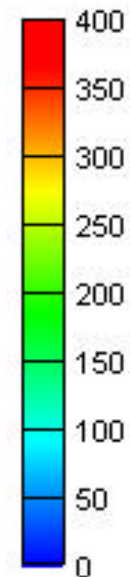
270 days

0 days

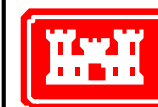
1 day

69 days

Number of
Days



Not to Scale



Future Conditions with
dry year & Plan 3

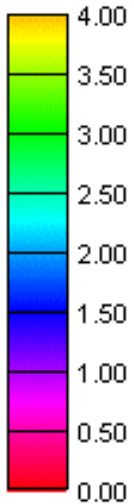
Duration of Continuous Inundation
Depth > 0.0ft

Figure 141b

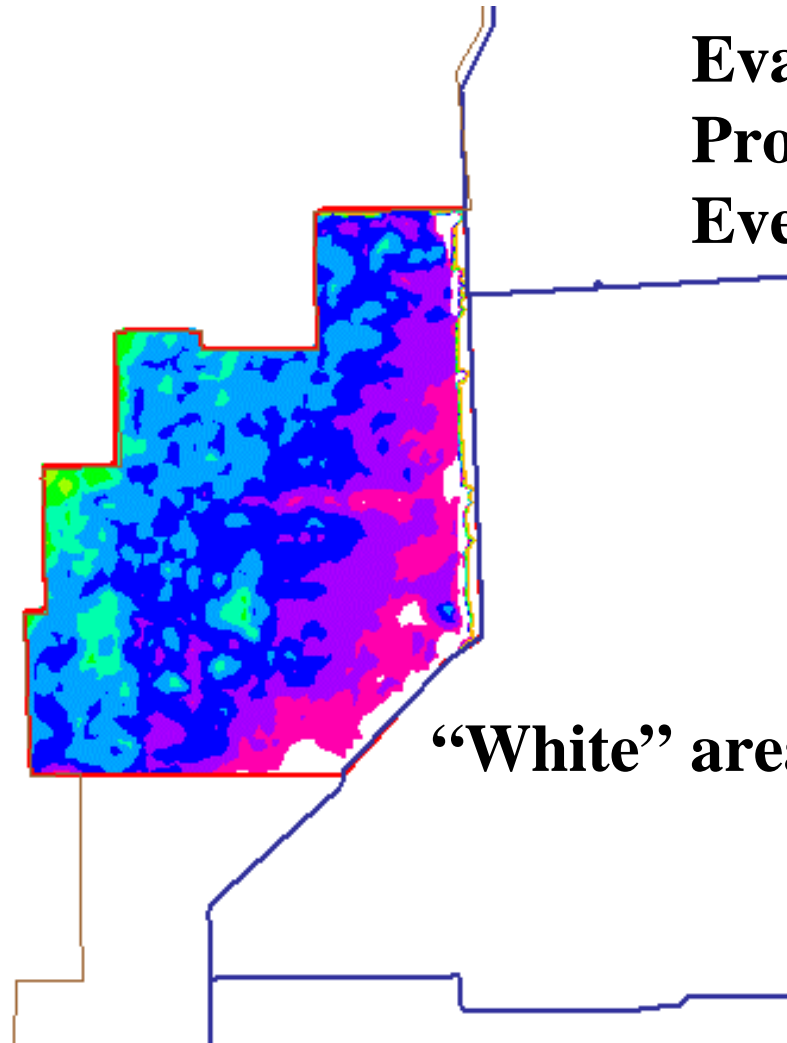
US Army Corps of Engineers
Jacksonville District

Note: D13R_plan3_1989_95ops
Contours as shown on legend above

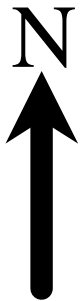
D13R_Pln3_det_inundation



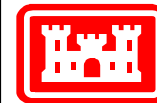
Evaluate Flood Protection for SPF Event



“White” areas are dry



Not to Scale



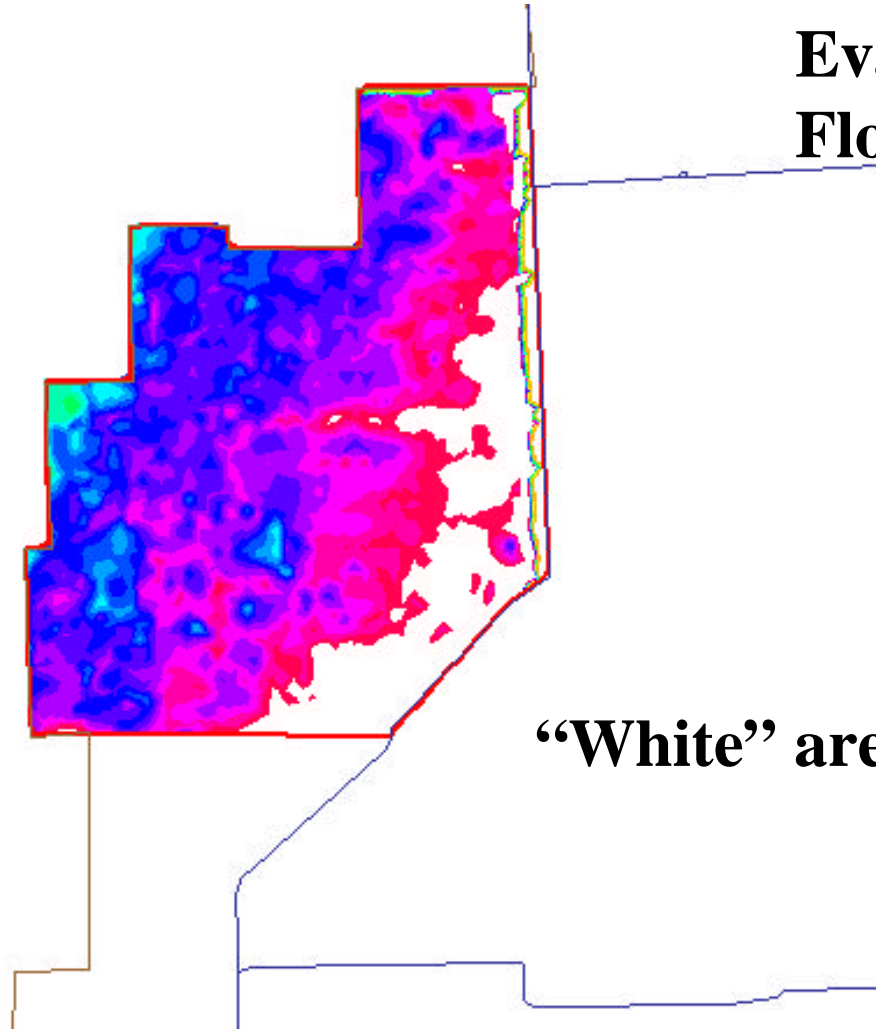
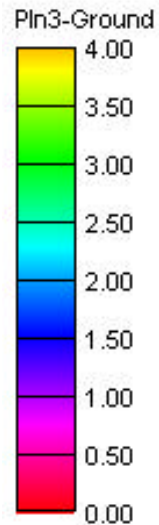
Inundation Map
Plan 3 - Week 26

Figure 142

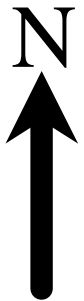
US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan3_95_95ops
Contours as shown on Legend above

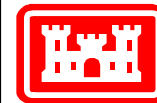
Evaluate 1 in 10 Yr Flood Protection



“White” areas are dry



Not to Scale



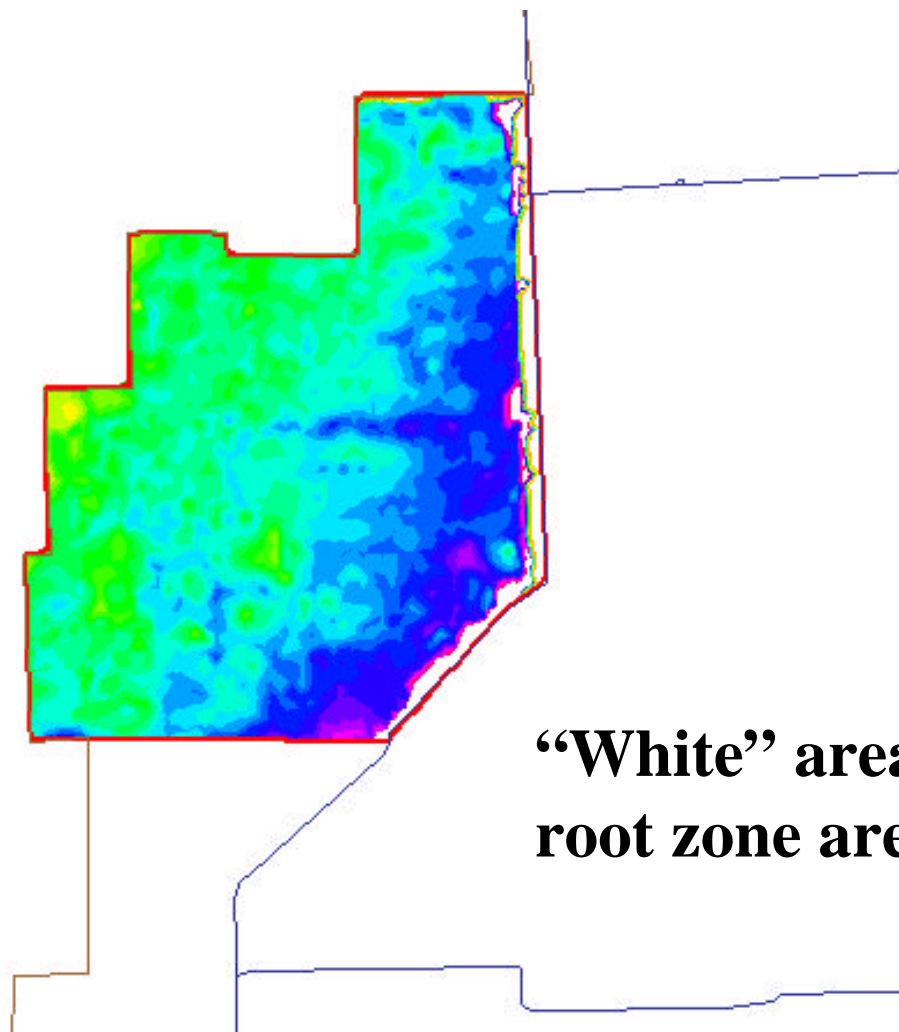
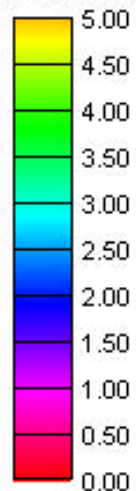
Inundation Map
Plan 3 - Week 23

Figure 142b

US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan3_95_95ops
Contours as shown on Legend above

Pln3-RootZone



**“White” areas indicate
root zone areas are dry**



Not to Scale



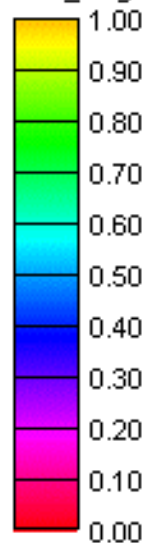
Root Zone Inundation
Map Plan 3 - Week
23

Figure 142c

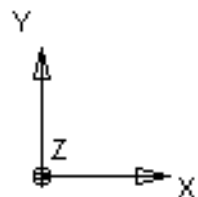
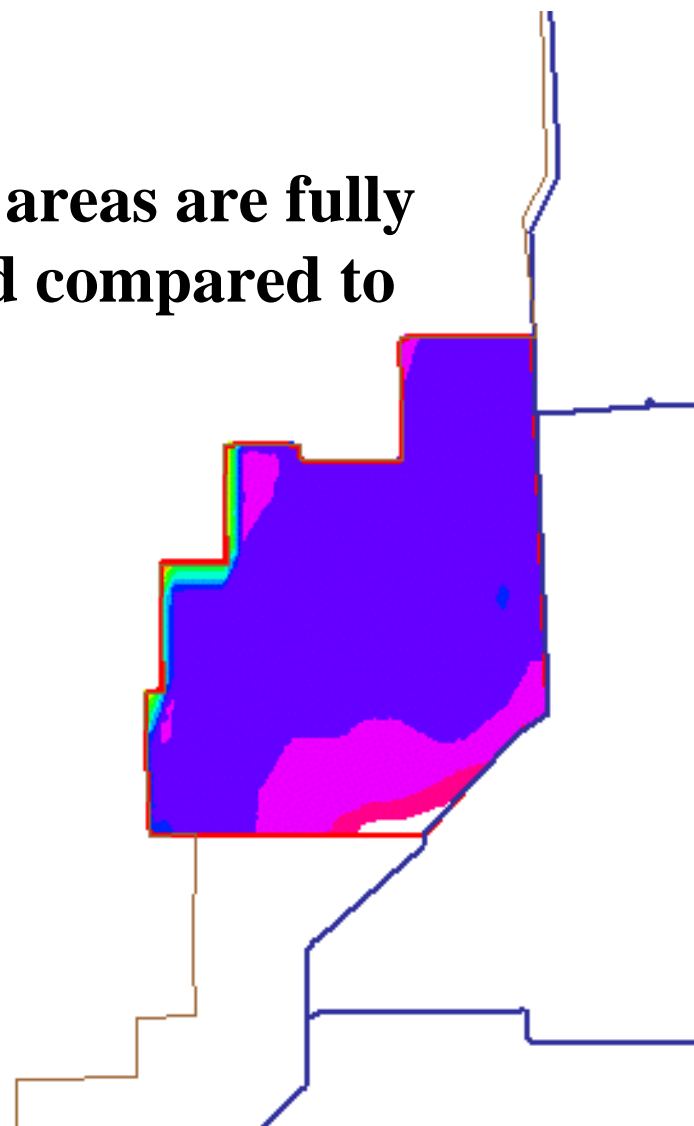
US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan3_95_95ops
Contours as shown on Legend above

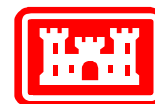
Pln3_Mitigate



“White” areas are fully mitigated compared to Base 83



Not to Scale

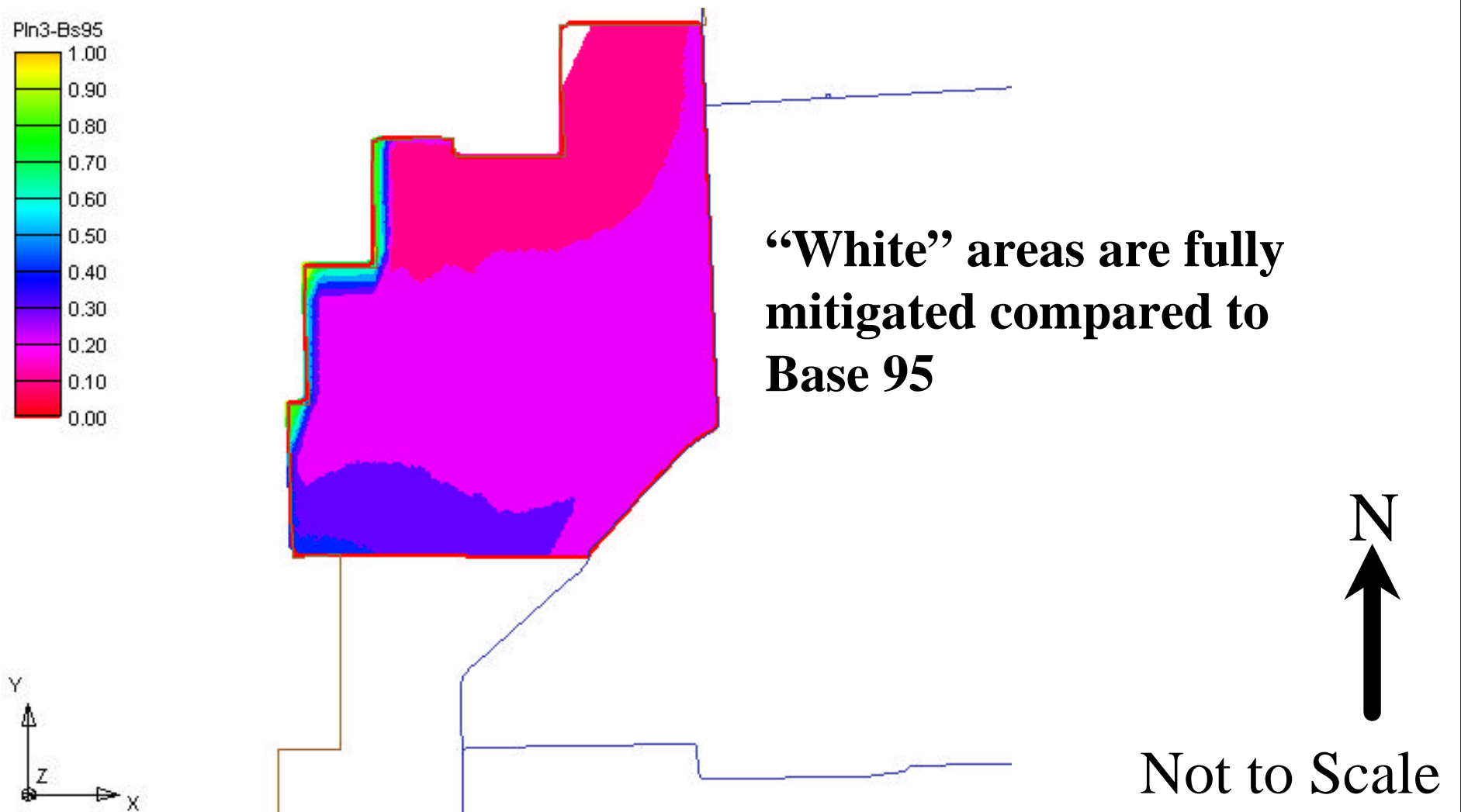


Mitigation Map
Plan 3 - Week 26

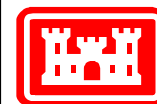
Figure 143

US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan3_95_95ops
Contours as shown on Legend above



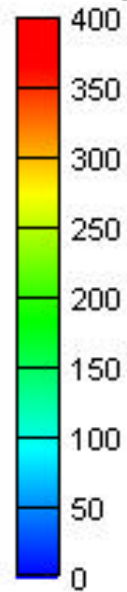
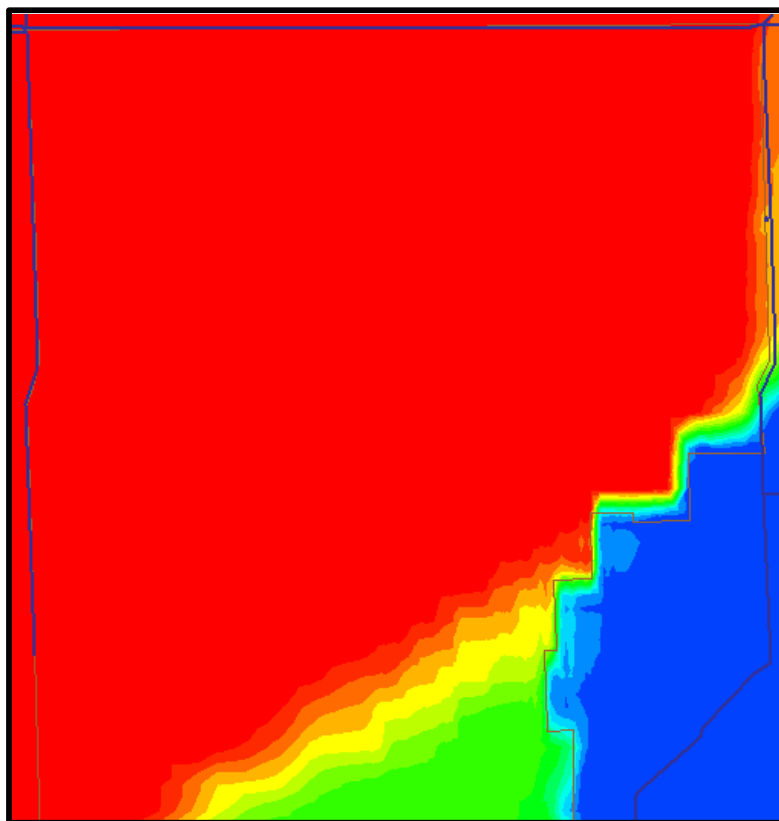
Note: D13Rbc_Plan3_95_95ops
Contours as shown on Legend above



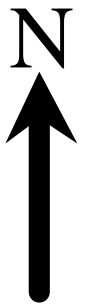
Mitigation Map
Plan 3 - Week 26

Figure 143b

US Army Corps of Engineers
Jacksonville District



Hydroperiod



Not to Scale

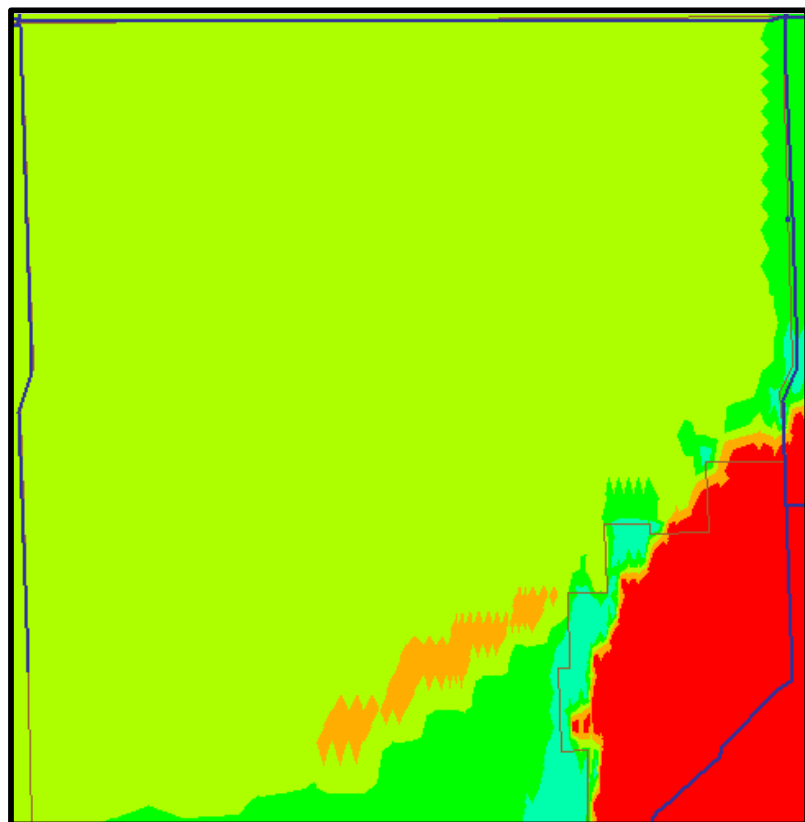


Future Conditions
with Plan 3 in place






Figure 144

Note: D13Rbc_plan3_95ops

US Army Corps of Engineers
Jacksonville District

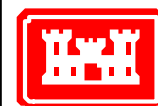


Extent of Wetlands

-  **Peat-Forming:** Depth > 2',
Hydroperiod > 180 days
-  **Peat-Forming:** -1' < Depth < +2',
Hydroperiod > 180 days
-  **Marl-Forming:** -1' < Depth < +2',
30 < Hydroperiod < 180 days
-  **Transitional**
-  **Upland**



Not to Scale

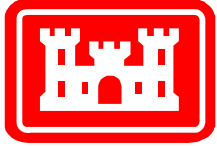


Future Conditions
with Plan 3 in place

Figure 145

US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_plan3_95ops



**US Army Corps
of Engineers**
Jacksonville District



DRAFT

03/15/00

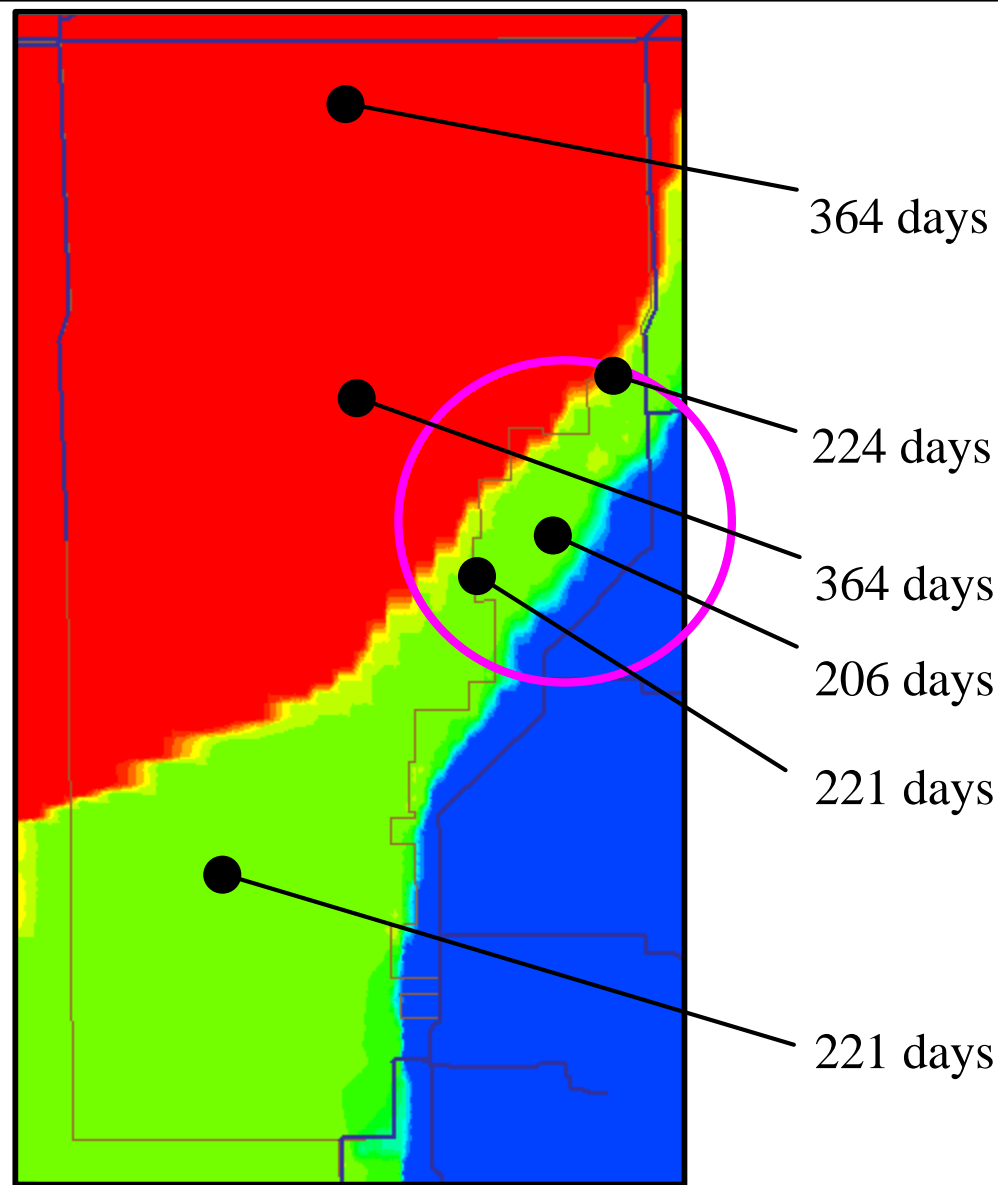
8.5 Square Mile Area (SMA)

Hydraulic and Hydrogeologic Model Report

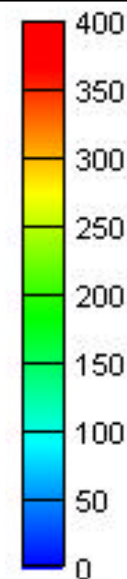
APPENDIX A

Alternatives to be Evaluated

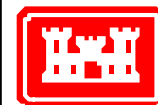
PLAN 4 (SAME FOR PLANS 5 AND 7)



Number of
Days



Not to Scale



Future Conditions with
wet year & C-111 Plan 4

Duration of Continuous Inundation
Depth > 0.2 ft

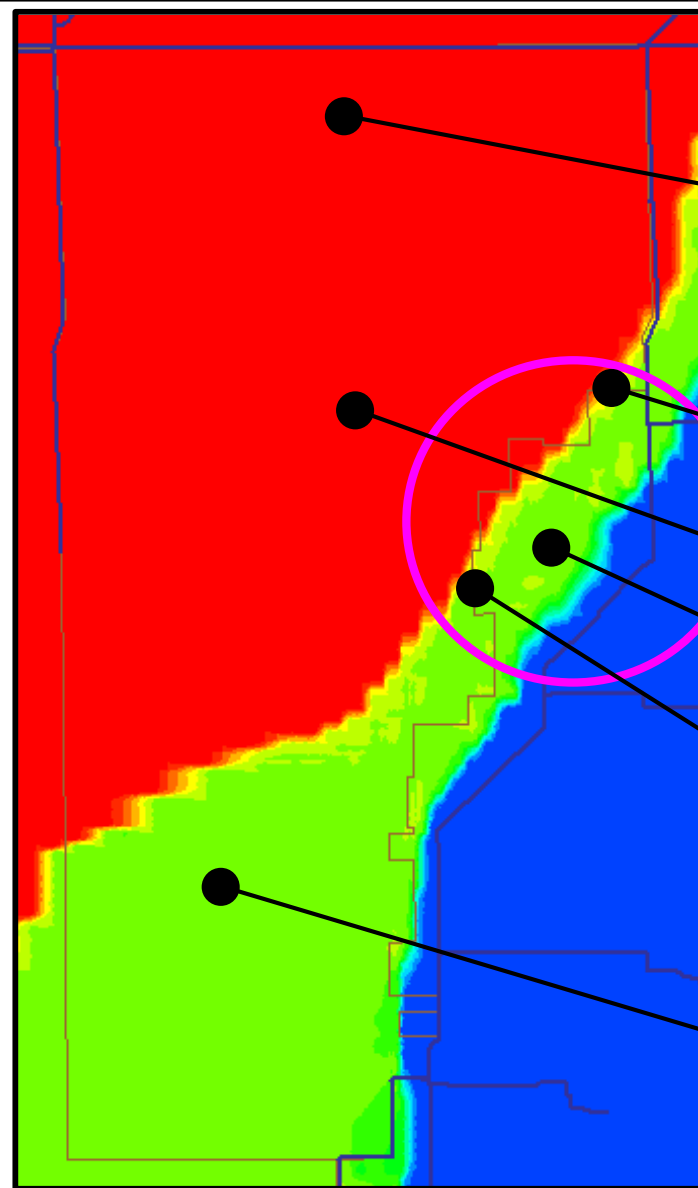
Figure 146

US Army Corps of Engineers
Jacksonville District

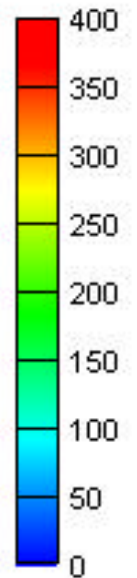
Plan 4 - Residents Choice "Buyout"

Note: D13R_C-111_356_noL-67_1995_95ops

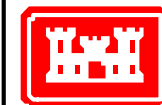
Contours as shown on legend above



Number of
Days



Not to Scale



Future Conditions with
wet year & C-111 Plan 4

Duration of Continuous Inundation
Depth > 0.0 ft

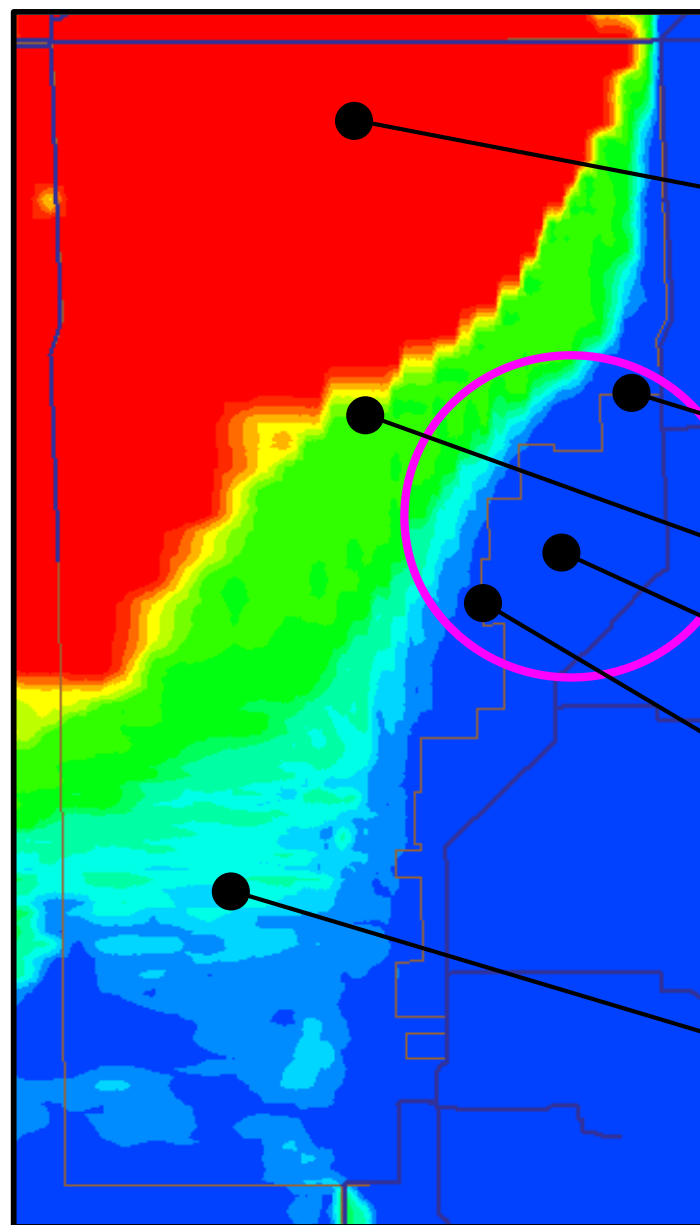
Figure 146b

US Army Corps of Engineers
Jacksonville District

Plan 4 - Residents Choice "Buyout"

Note: D13R_C-111_356_noL-67_1995_95ops

Contours as shown on legend above



364 days

0 days

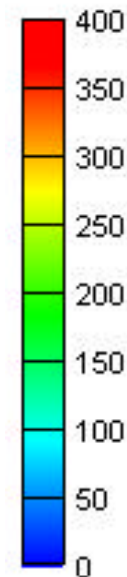
185 days

0 days

3 days

55 days

Number of
Days



Not to Scale



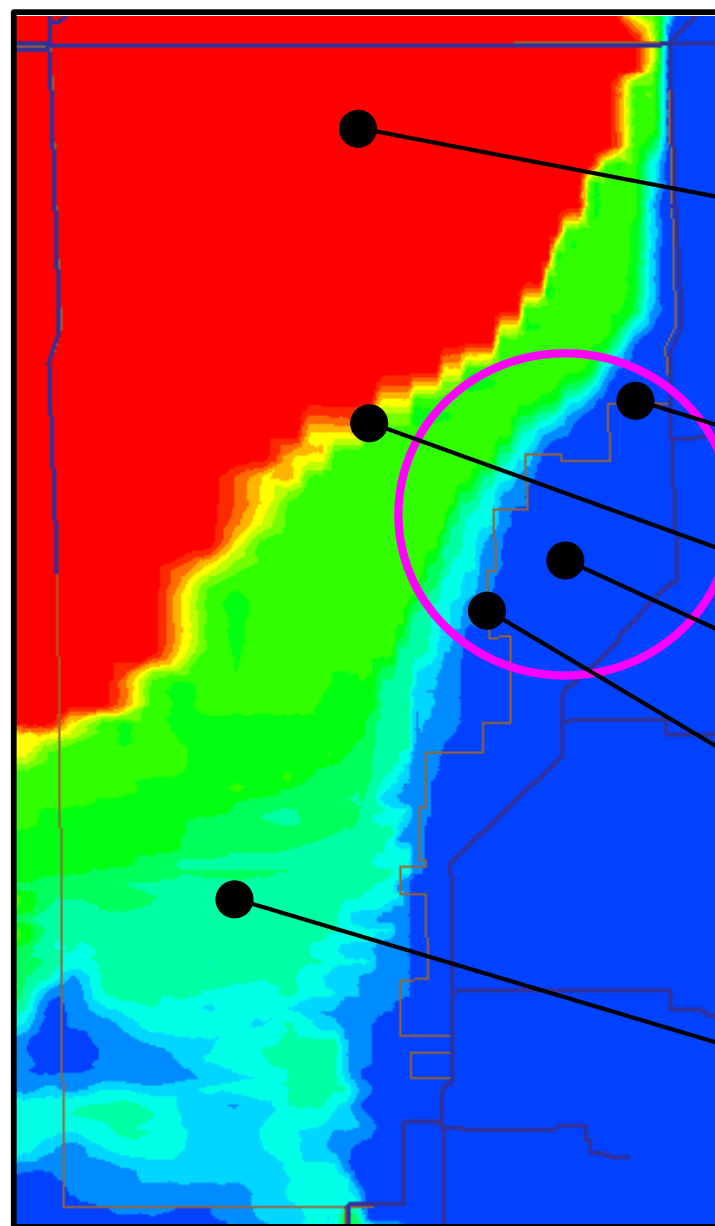
Future Conditions with
dry year & C-111, Plan 4

Duration of Continuous Inundation
Depth > 0.2 ft

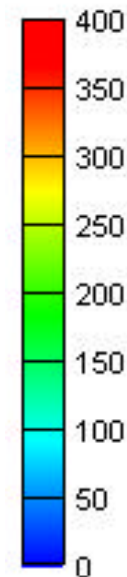
Figure 147

US Army Corps of Engineers
Jacksonville District

Note: D13R_C-111_356_noL-67_1989_95ops
Contours as shown on legend above



Number of
Days



Not to Scale



Future Conditions with
dry year & C-111, Plan 4

Duration of Continuous Inundation
Depth > 0.0 ft

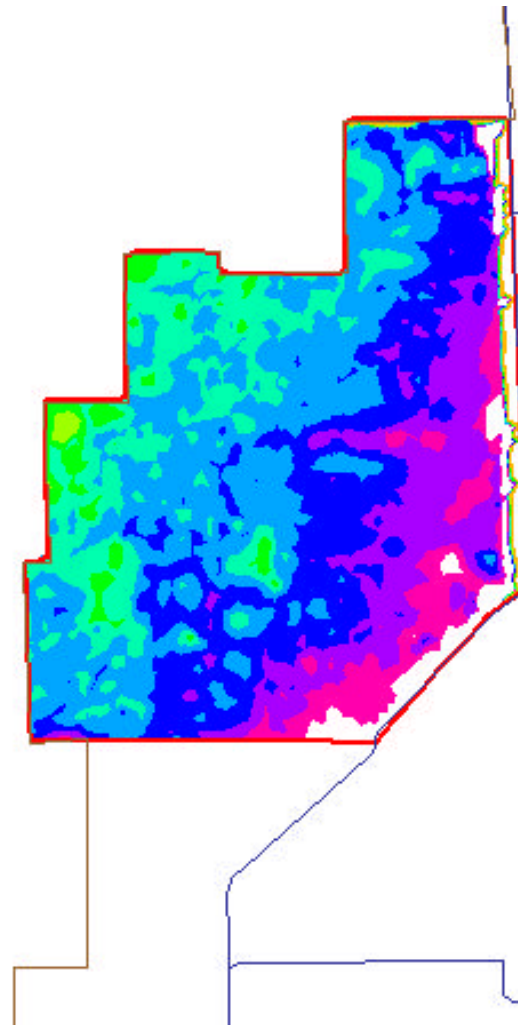
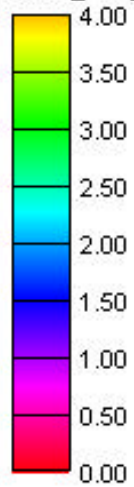
Figure 147b

US Army Corps of Engineers
Jacksonville District

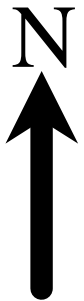
Note: D13R_C-111_356_noL-67_1989_95ops
Contours as shown on legend above

Evaluate Flood Protection for SPF Event

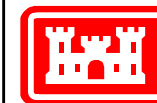
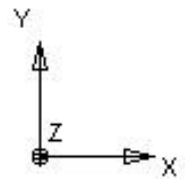
D13R_Pln4_det_inundation



“White” areas are dry



Not to Scale



Inundation Map
Plan 4 - Week 26

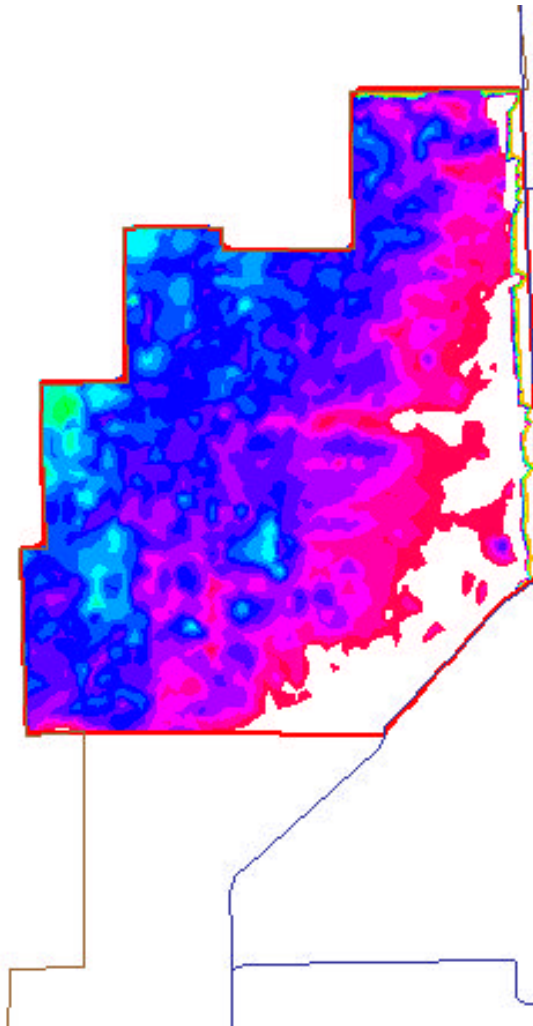
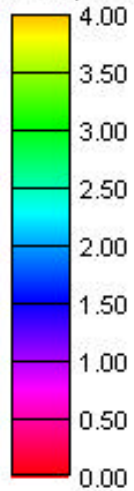
Figure 148

US Army Corps of Engineers
Jacksonville District

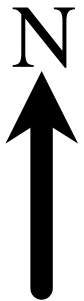
Note: D13Rbc_C-111_356_95_95ops
Contours as shown on Legend above

Evaluate 1 in 10 Yr Flood Protection

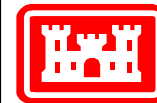
PinBuyout-Ground



“White” areas are dry



Not to Scale



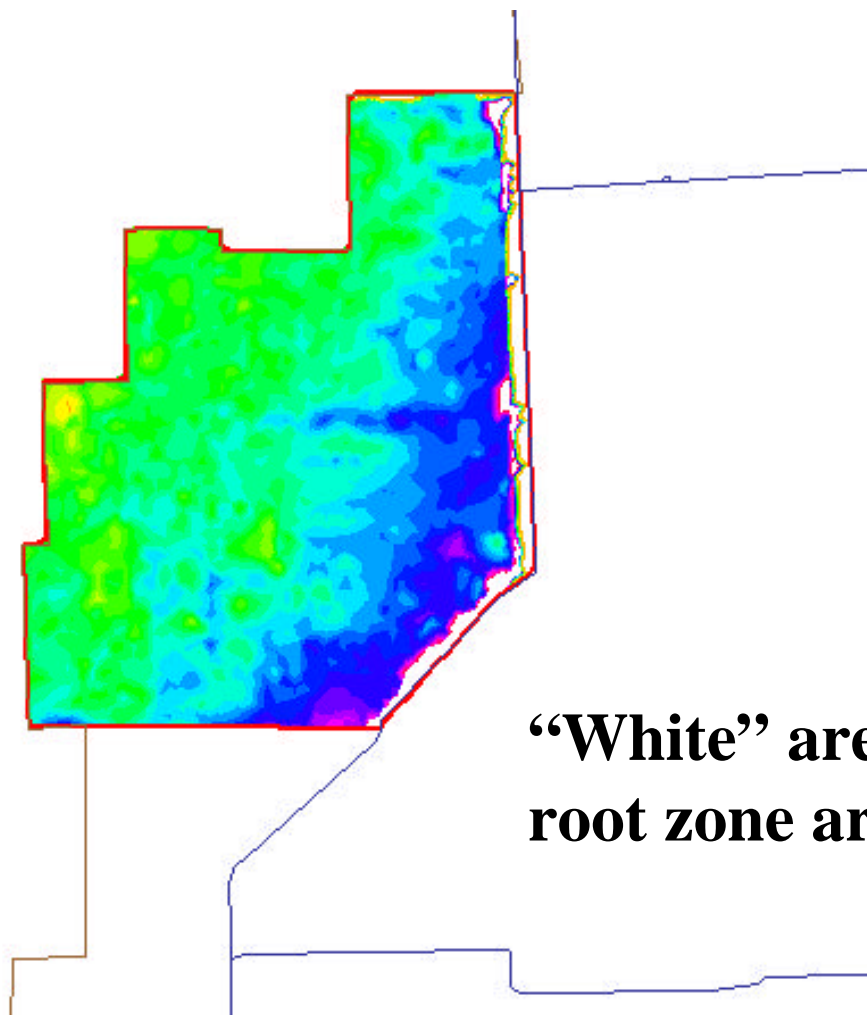
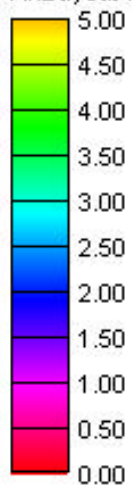
Inundation Map
Plan 4 - Week 23

Figure 148b

US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_C-111_356_95_95ops
Contours as shown on Legend above

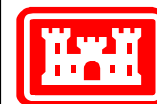
PinBuyout-RootZone



**“White” areas indicate
root zone areas are dry**



Not to Scale



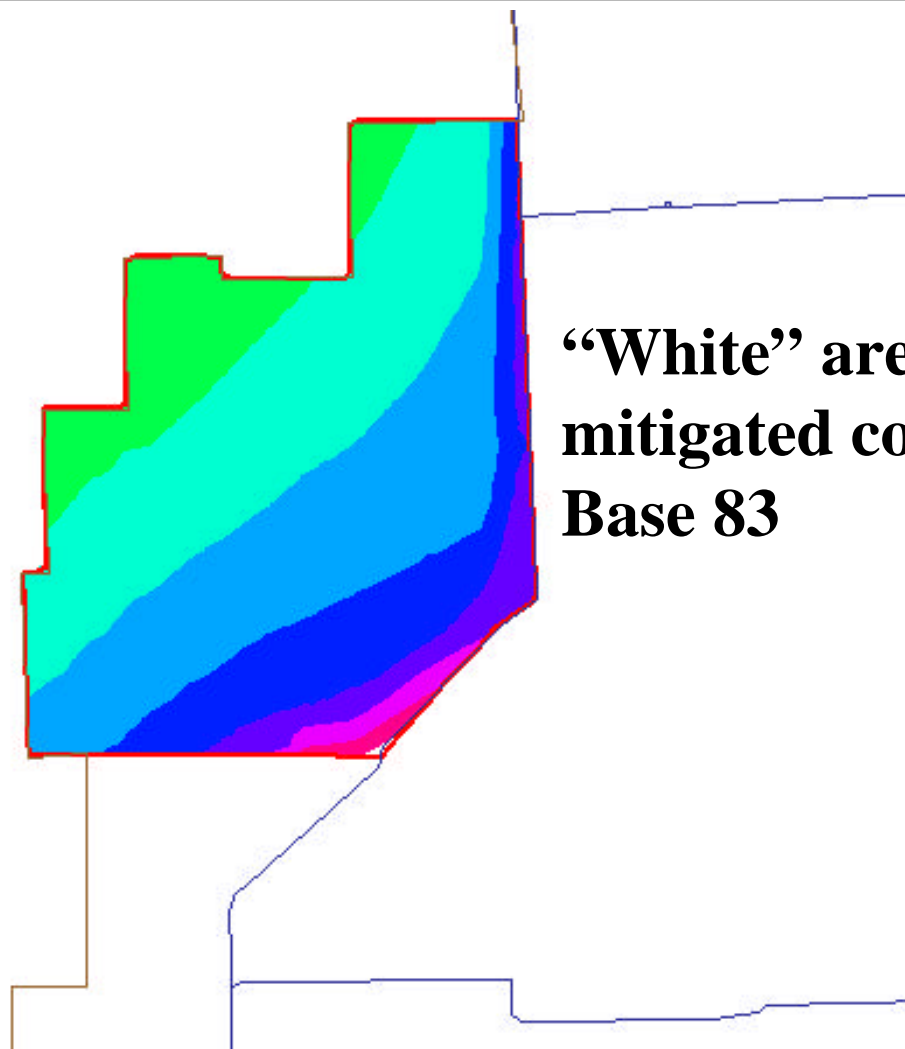
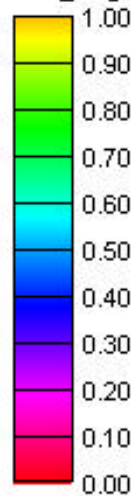
Root Zone Inundation
Map Plan 4 - Week
23

Figure 148c

US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_C-111_356_95_95ops
Contours as shown on Legend above

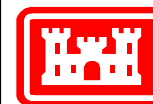
Pln4_Mitigate



“White” areas are fully mitigated compared to Base 83



Not to Scale



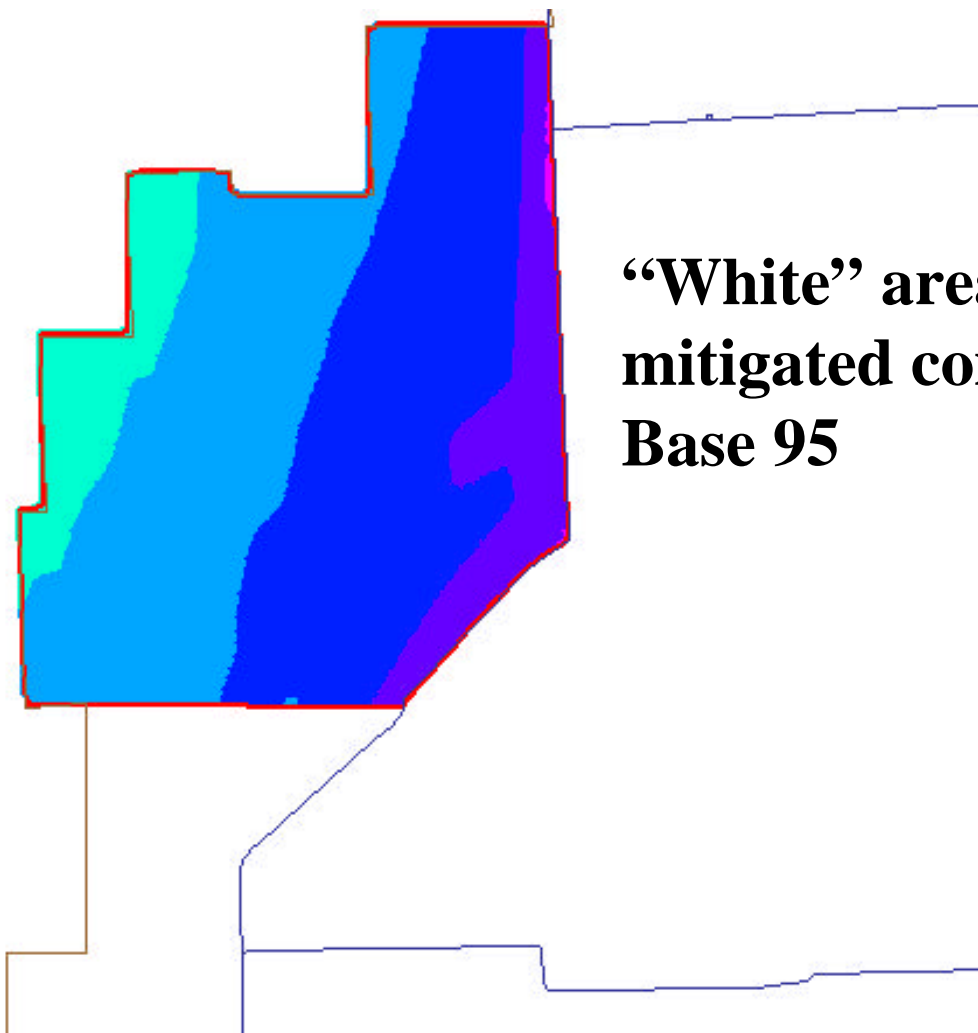
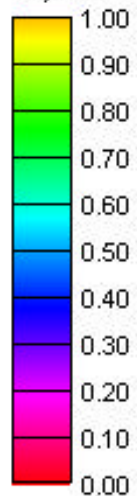
Mitigation Map
Plan 4 - Week 26

Figure 149

US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_C-111_356_95_95ops
Contours as shown on Legend above

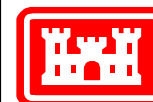
Buyout-Bs95



“White” areas are fully mitigated compared to Base 95



Not to Scale

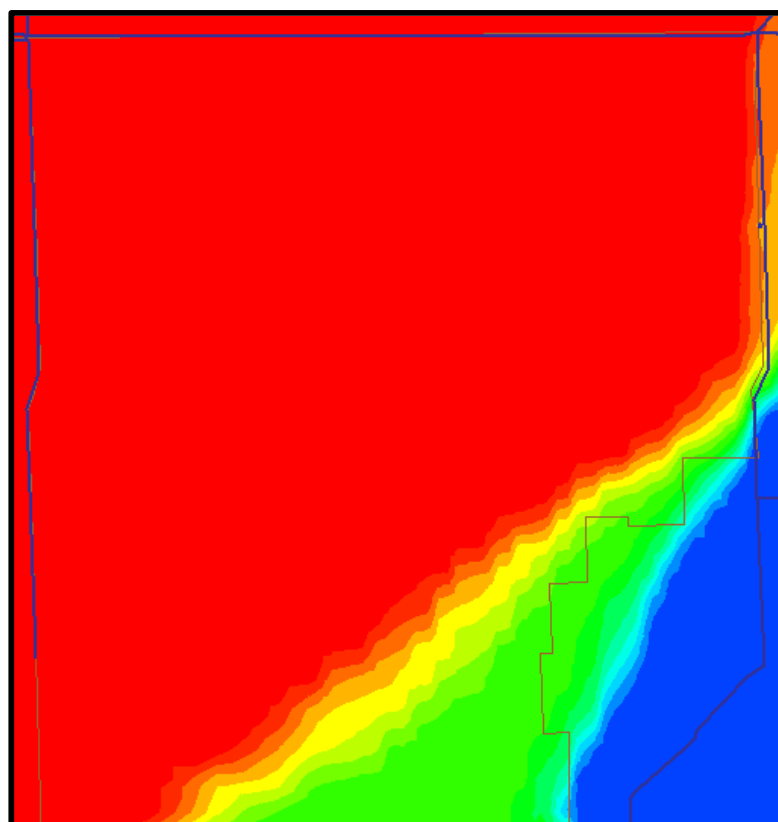


Mitigation Map
Plan 4 - Week 26

Figure 149b

US Army Corps of Engineers
Jacksonville District

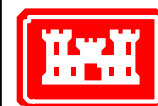
Note: D13Rbc_C-111_356_95_95ops
Contours as shown on Legend above



Hydroperiod



Not to Scale



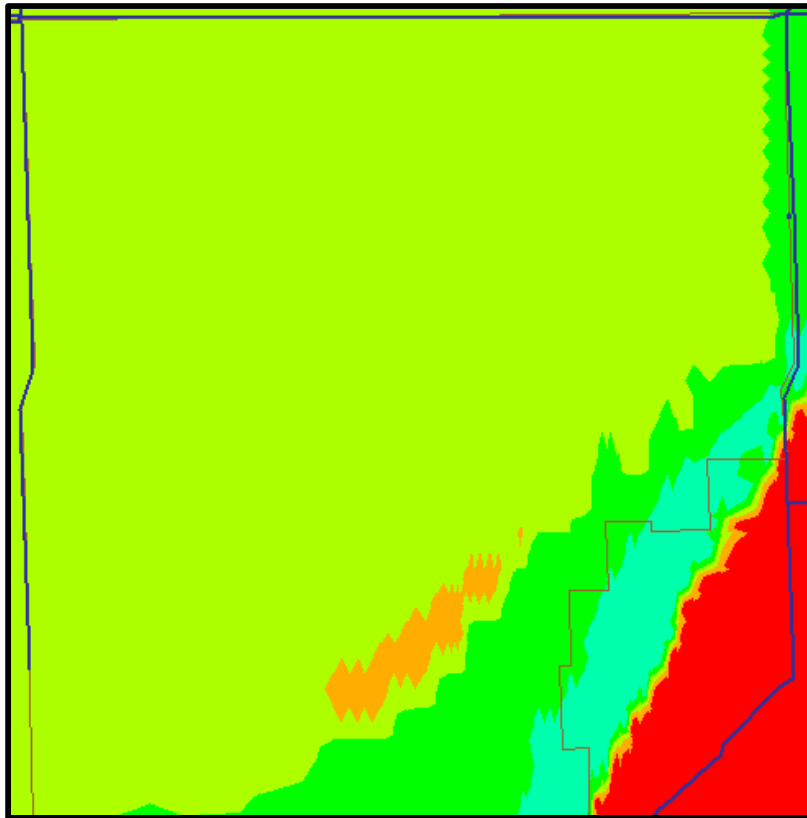
Future Conditions
with C-111 and S-356
w/o L-67 in place

Figure 150






Plan 4

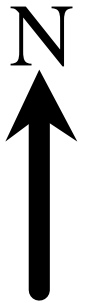
Note: D13Rbc_C-111_356_95ops

US Army Corps of Engineers
Jacksonville District

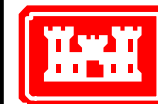


Extent of Wetlands

-  **Peat-Forming:** Depth > 2',
Hydroperiod > 180 days
-  **Peat-Forming:** -1' < Depth < +2',
Hydroperiod > 180 days
-  **Marl-Forming:** -1' < Depth < +2',
30 < Hydroperiod < 180 days
-  **Transitional**
-  **Upland**



Not to Scale



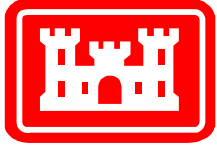
Future Conditions
with C-111 and S-356
w/o L-67 in place

Figure 151

US Army Corps of Engineers
Jacksonville District

Plan 4

Note: D13Rbc_C-111_356_95ops



**US Army Corps
of Engineers**
Jacksonville District

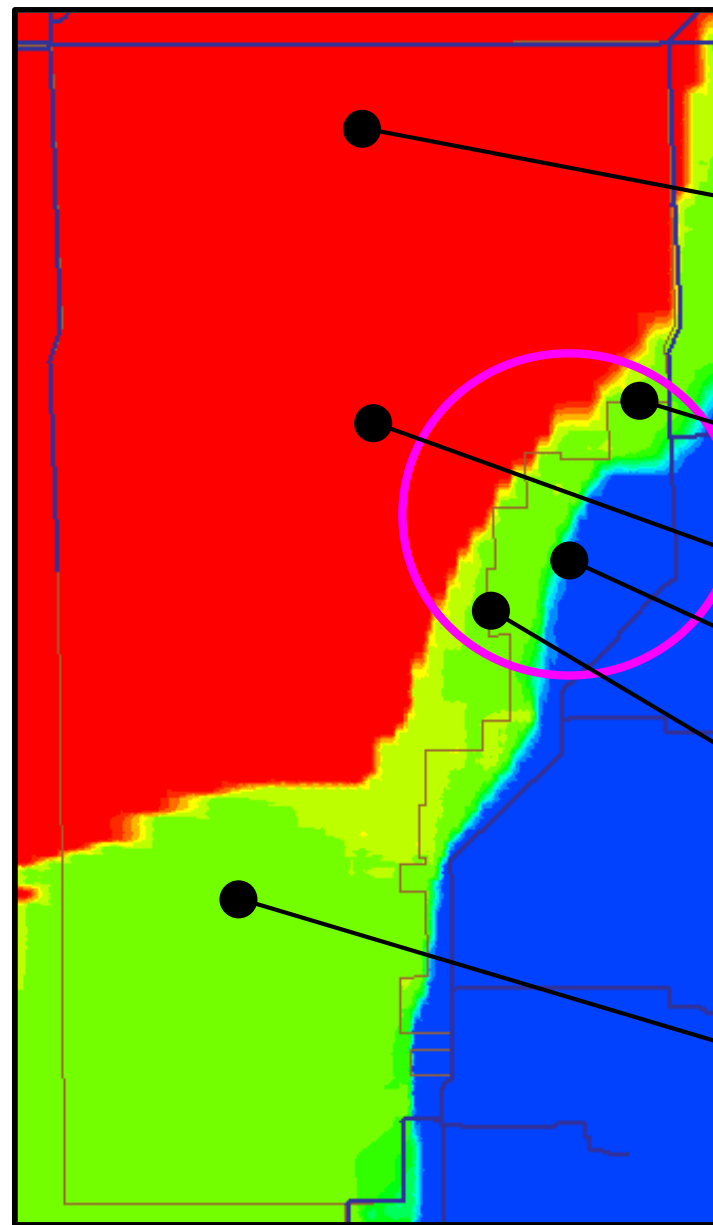


DRAFT

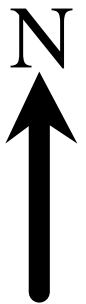
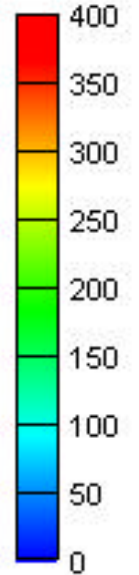
03/15/00

**8.5 Square Mile Area (SMA)
Hydraulic and Hydrogeologic Model Report
APPENDIX A**

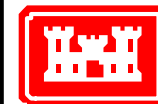
**Alternatives to be Evaluated
PLAN 6B**



Number of
Days



Not to Scale



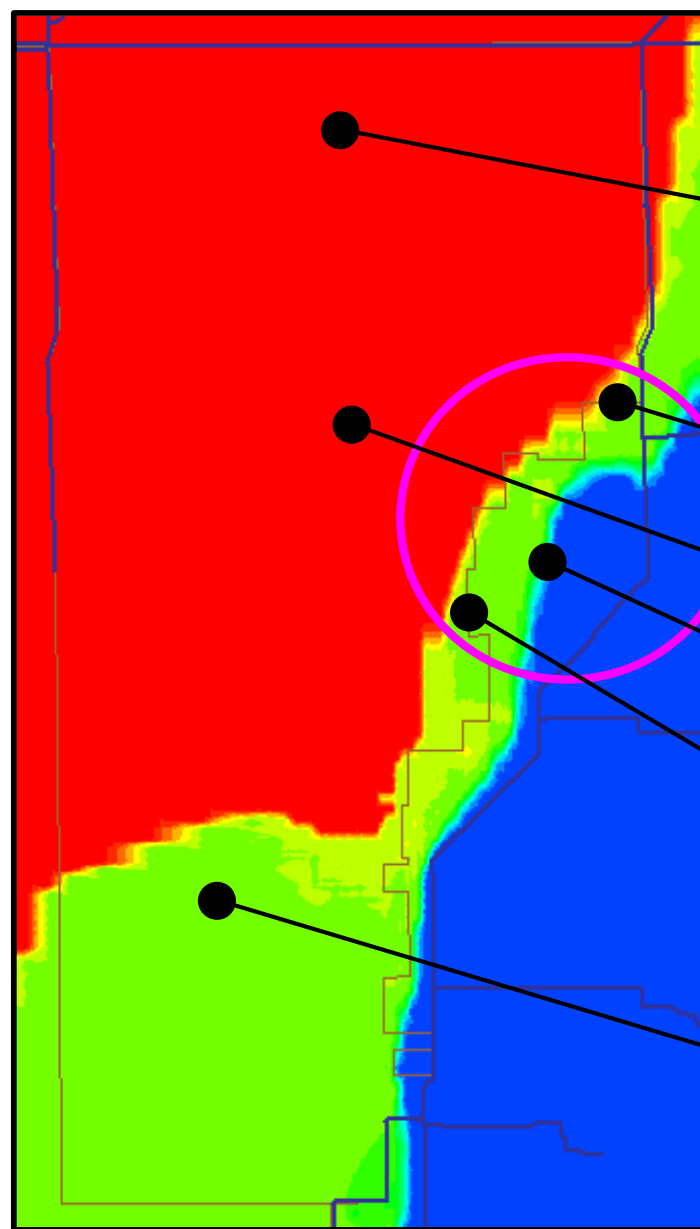
Future Conditions with
wet year & Plan 6B

Duration of Continuous Inundation
Depth > 0.2 ft

Figure 152

US Army Corps of Engineers
Jacksonville District

Note: D13R_plan6B_1995_95ops
Contours as shown on legend above



364 days

224 days

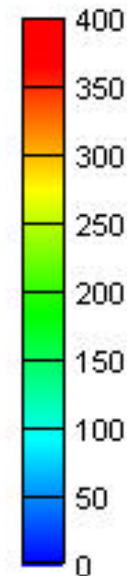
364 days

3 days

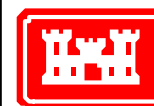
225 days

223 days

Number of
Days



Not to Scale



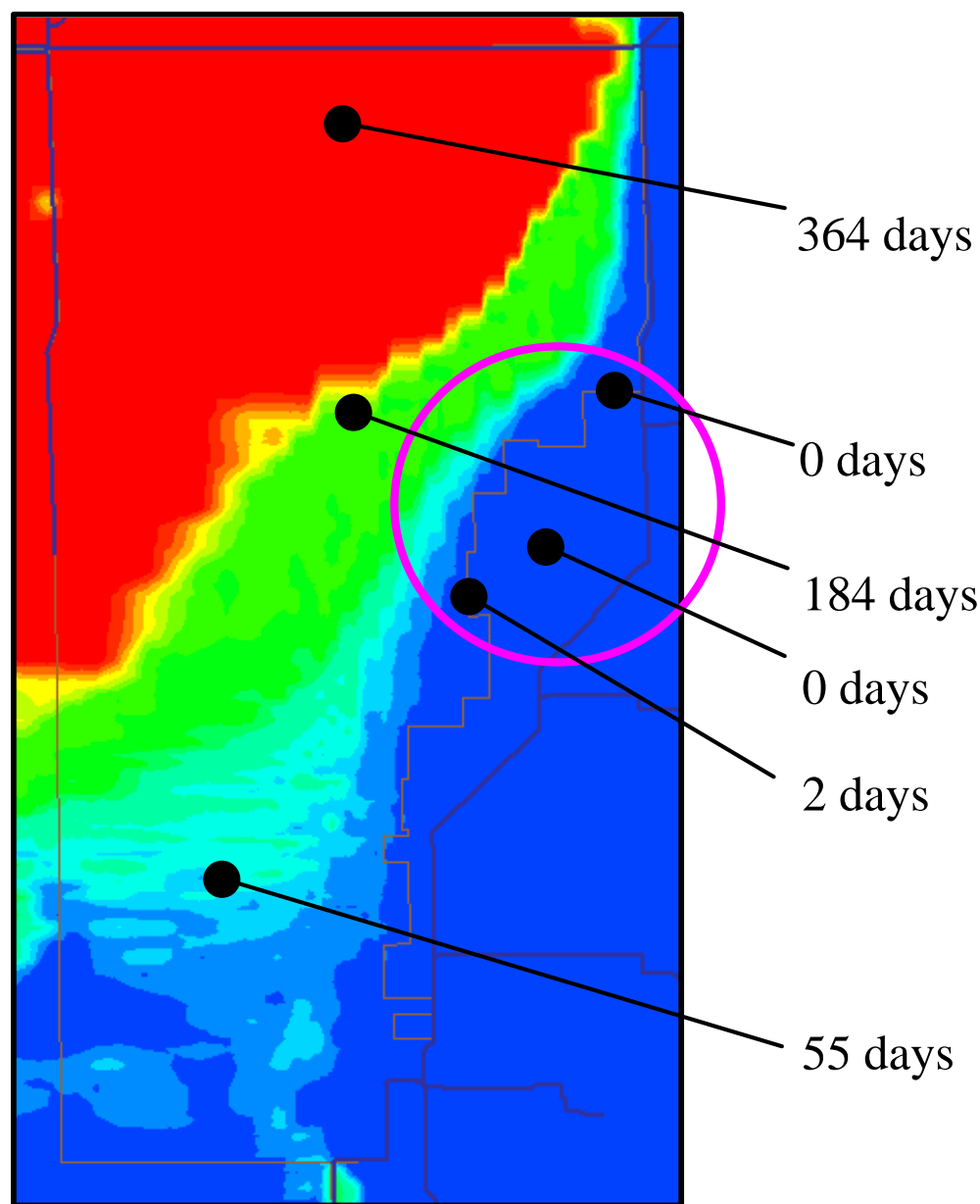
Future Conditions with
wet year & Plan 6B

Duration of Continuous Inundation
Depth > 0.0ft

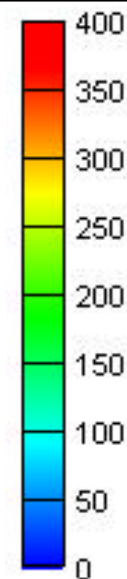
Figure 152b

US Army Corps of Engineers
Jacksonville District

Note: D13R_plan6B_1995_95ops
Contours as shown on legend above

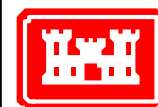


Number of
Days



Not to Scale

Note: D13R_plan6B_1989_95ops
Contours as shown on legend above

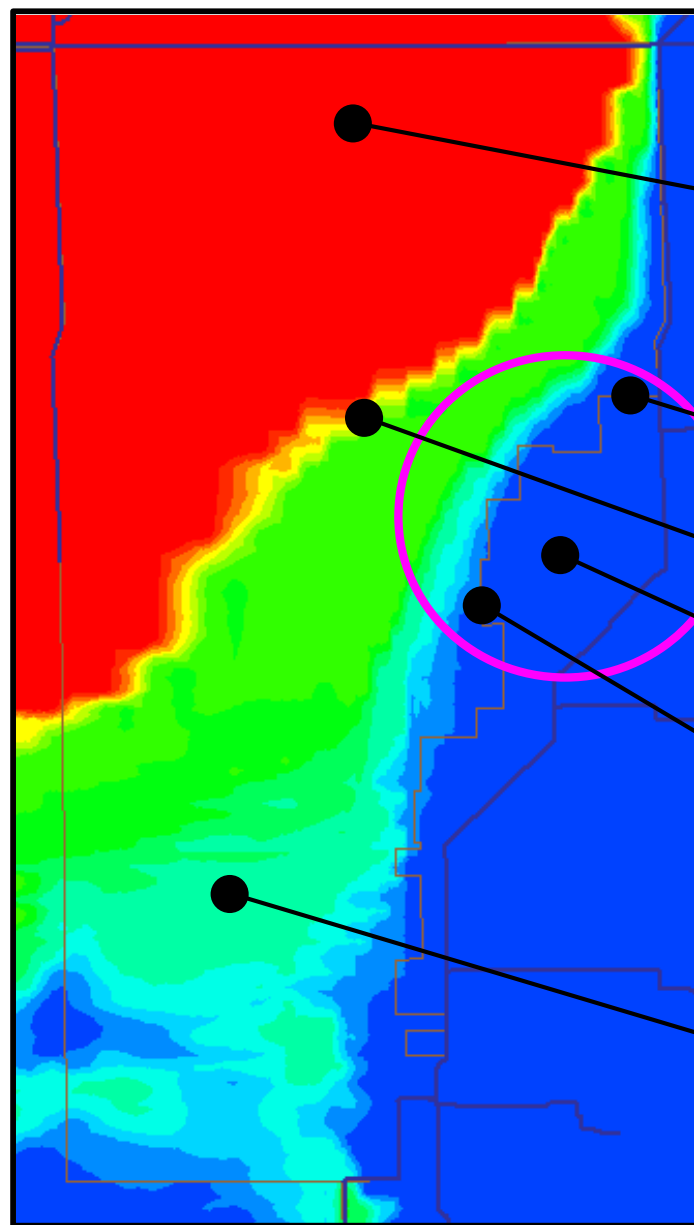


Future Conditions with
dry year & Plan 6B

Duration of Continuous Inundation
Depth > 0.2 ft

Figure 153

US Army Corps of Engineers
Jacksonville District



364 days

0 days

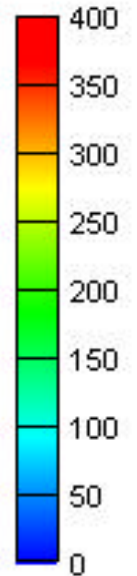
187 days

0 days

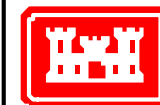
11 days

106 days

Number of
Days



Not to Scale



Future Conditions with
dry year & Plan 6B

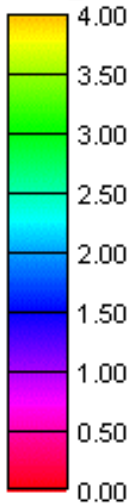
Duration of Continuous Inundation
Depth > 0.0 ft

Figure 153b

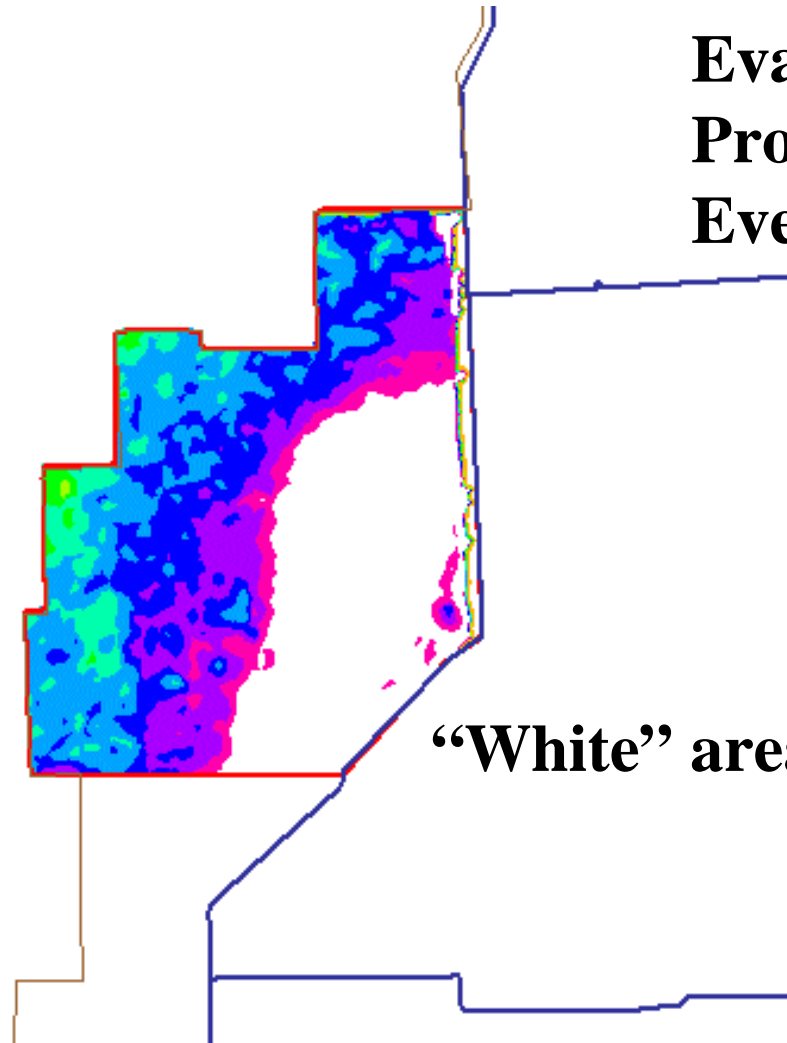
US Army Corps of Engineers
Jacksonville District

Note: D13R_plan6B_1989_95ops
Contours as shown on legend above

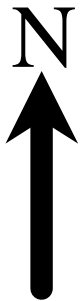
D13R_Pln6B_det_inundation



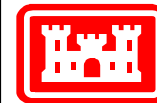
Evaluate Flood Protection for SPF Event



“White” areas are dry



Not to Scale



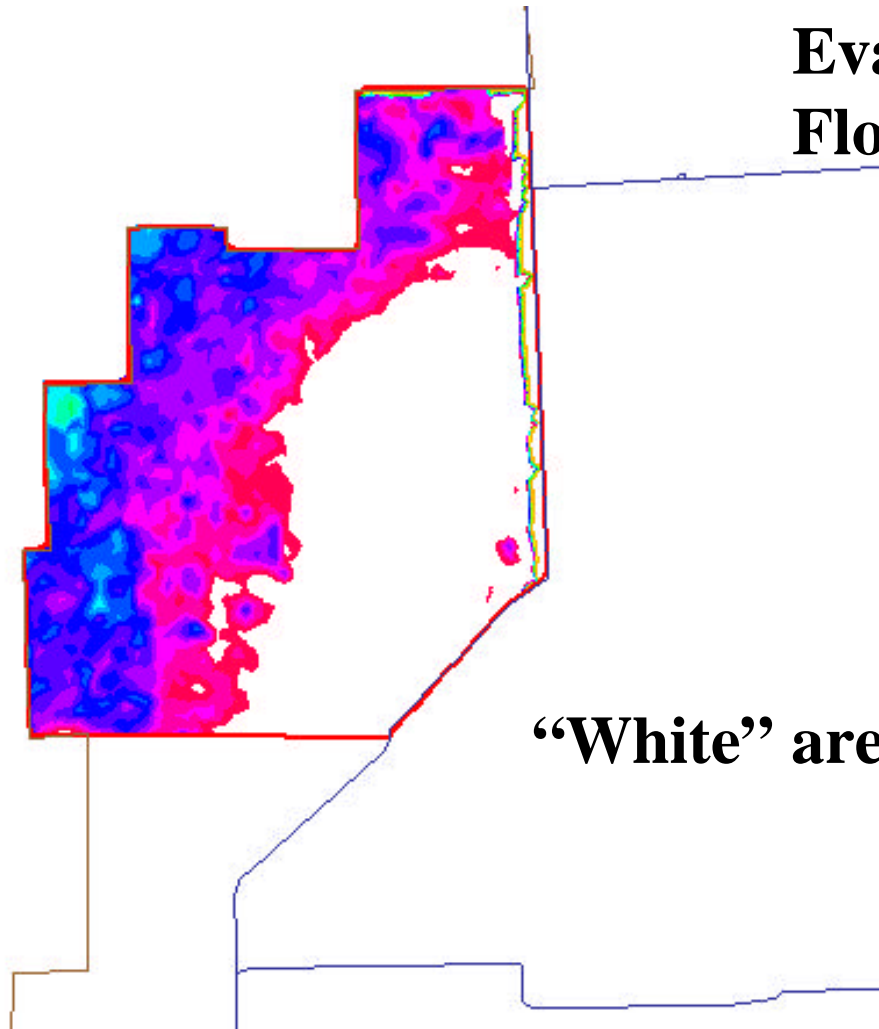
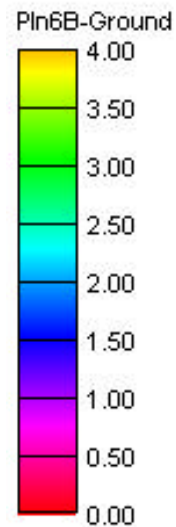
Inundation Map
Plan 6B - Week 26

Figure 154

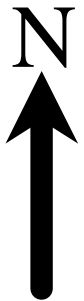
US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan6B_95_95ops
Contours as shown on Legend above

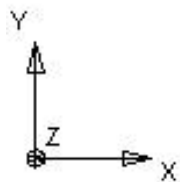
Evaluate 1 in 10 Yr Flood Protection



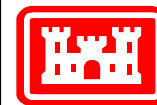
“White” areas are dry



Not to Scale



Note: D13Rbc_Plan6B_95_95ops
Contours as shown on Legend above

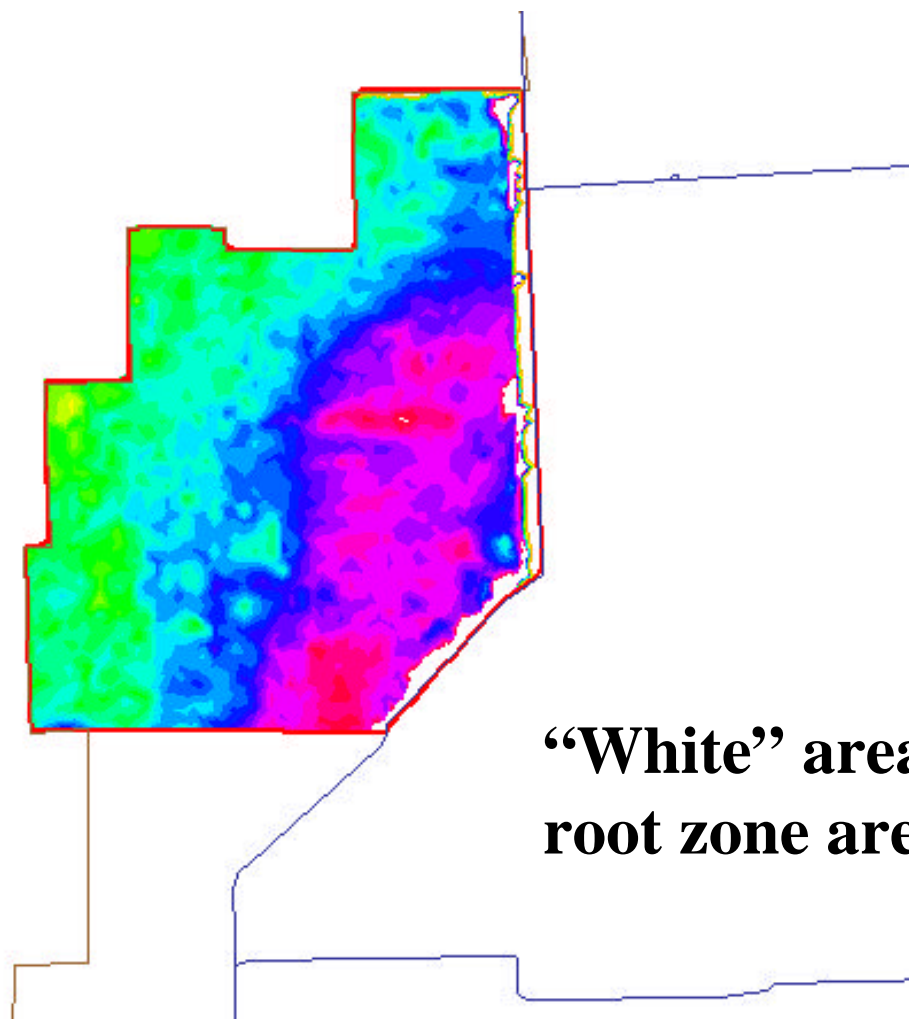
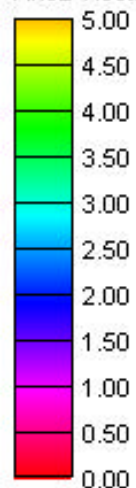


Inundation Map
Plan 6B - Week 23

Figure 154b

US Army Corps of Engineers
Jacksonville District

Pln6B-RootZone



**“White” areas indicate
root zone areas are dry**



Not to Scale



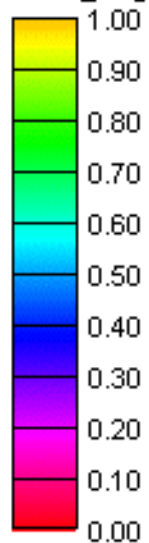
**Root Zone Inundation
Map Plan 6B - Week
23**

Figure 154c

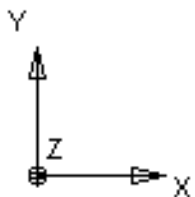
**US Army Corps of Engineers
Jacksonville District**

**Note: D13Rbc_Plan6B_95_95ops
Contours as shown on Legend above**

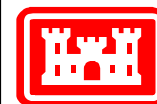
Pln6B_Mitigate



“White” areas are fully mitigated compared to Base 83



Not to Scale



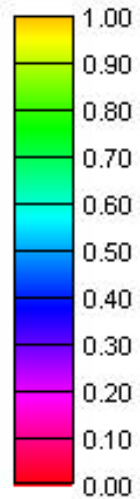
Mitigation Map
Plan 6B - Week 26

Figure 155

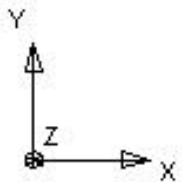
US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan6B_95_95ops
Contours as shown on Legend above

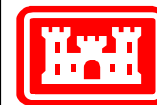
Pln6B-Bs95



“White” areas are fully mitigated compared to Base 95



Not to Scale

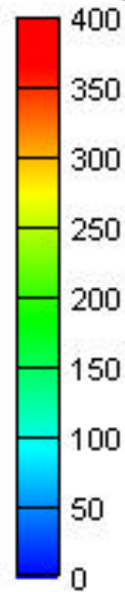
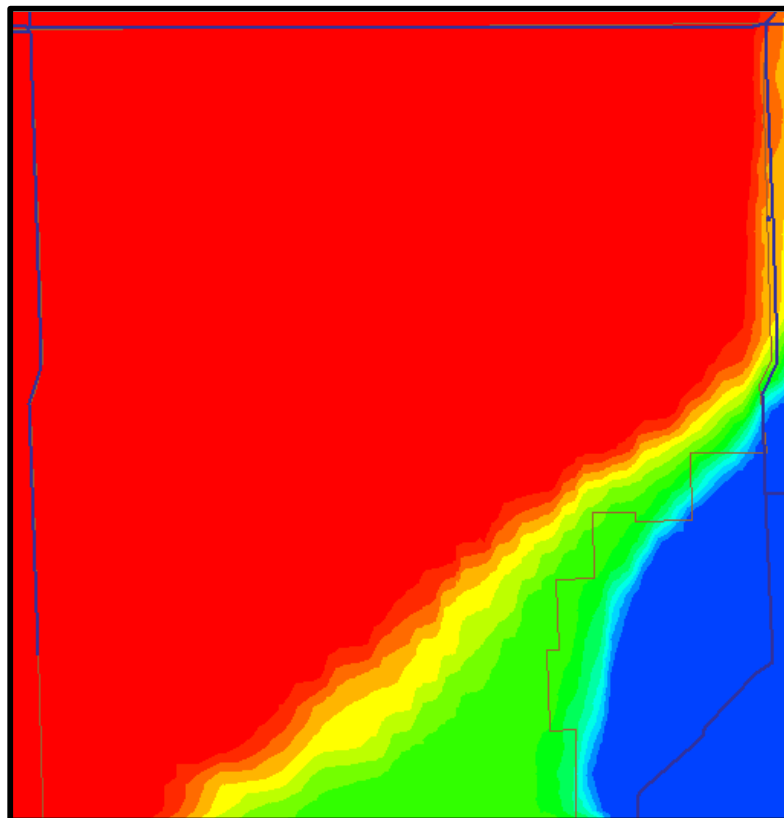


Mitigation Map
Plan 6B - Week 26

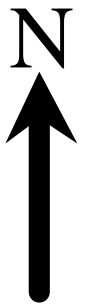
Figure 155b

US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan6B_95_95ops
Contours as shown on Legend above



Hydroperiod



Not to Scale

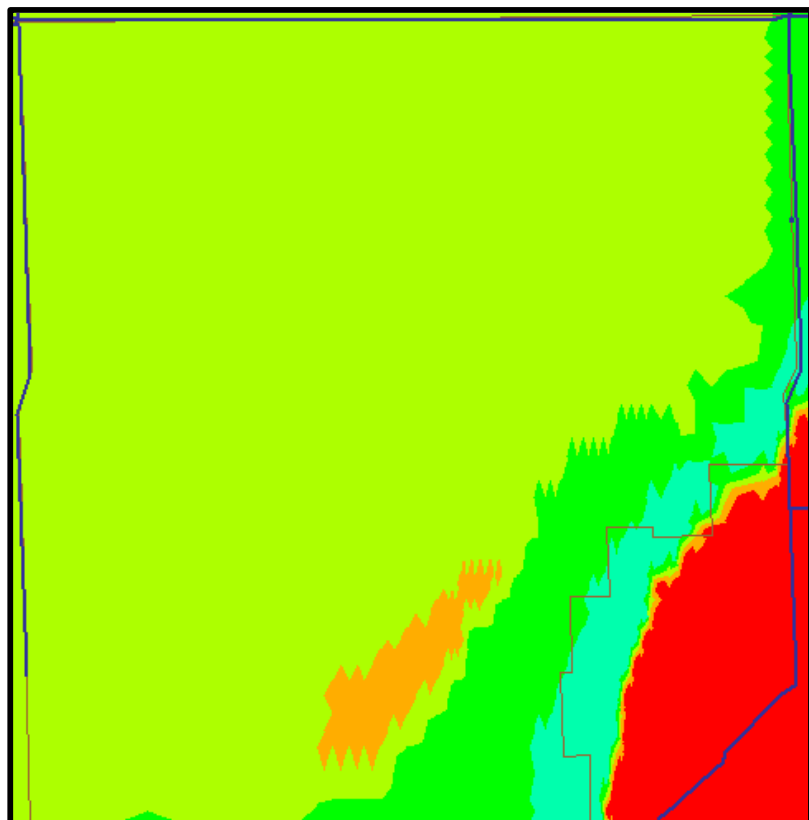


Future Conditions
with Plan 6B in place






Figure 156

Note: D13Rbc_plan6B_95ops

US Army Corps of Engineers
Jacksonville District



Extent of Wetlands

-  **Peat-Forming:** Depth > 2',
Hydroperiod > 180 days
-  **Peat-Forming:** -1' < Depth < +2',
Hydroperiod > 180 days
-  **Marl-Forming:** -1' < Depth < +2',
30 < Hydroperiod < 180 days
-  **Transitional**
-  **Upland**



Not to Scale

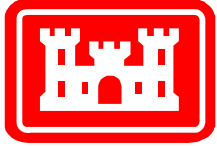


Future Conditions
with Plan 6B in place

Figure 157

US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_plan6B_95ops



**US Army Corps
of Engineers**
Jacksonville District

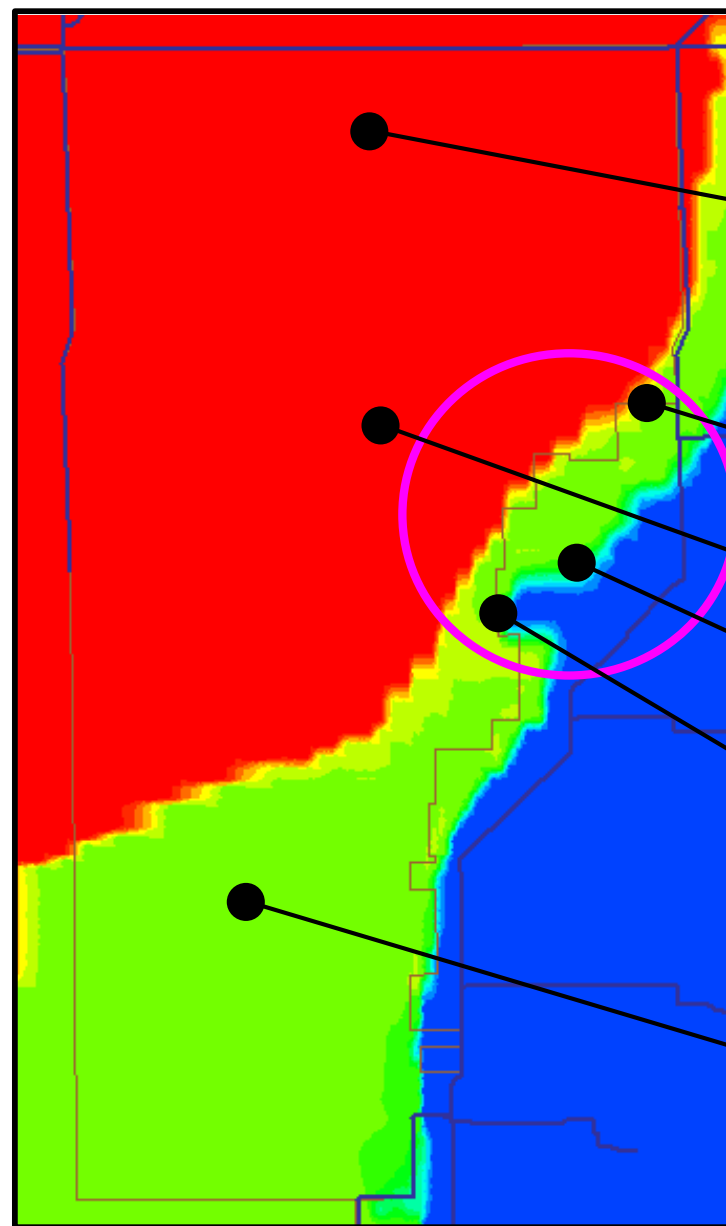


DRAFT

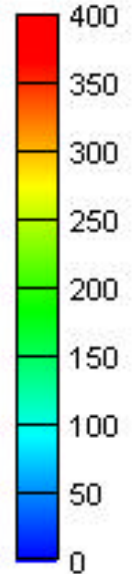
03/15/00

**8.5 Square Mile Area (SMA)
Hydraulic and Hydrogeologic Model Report
APPENDIX A**

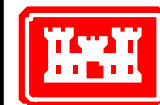
**Alternatives to be Evaluated
PLAN 8A**



Number of
Days



Not to Scale



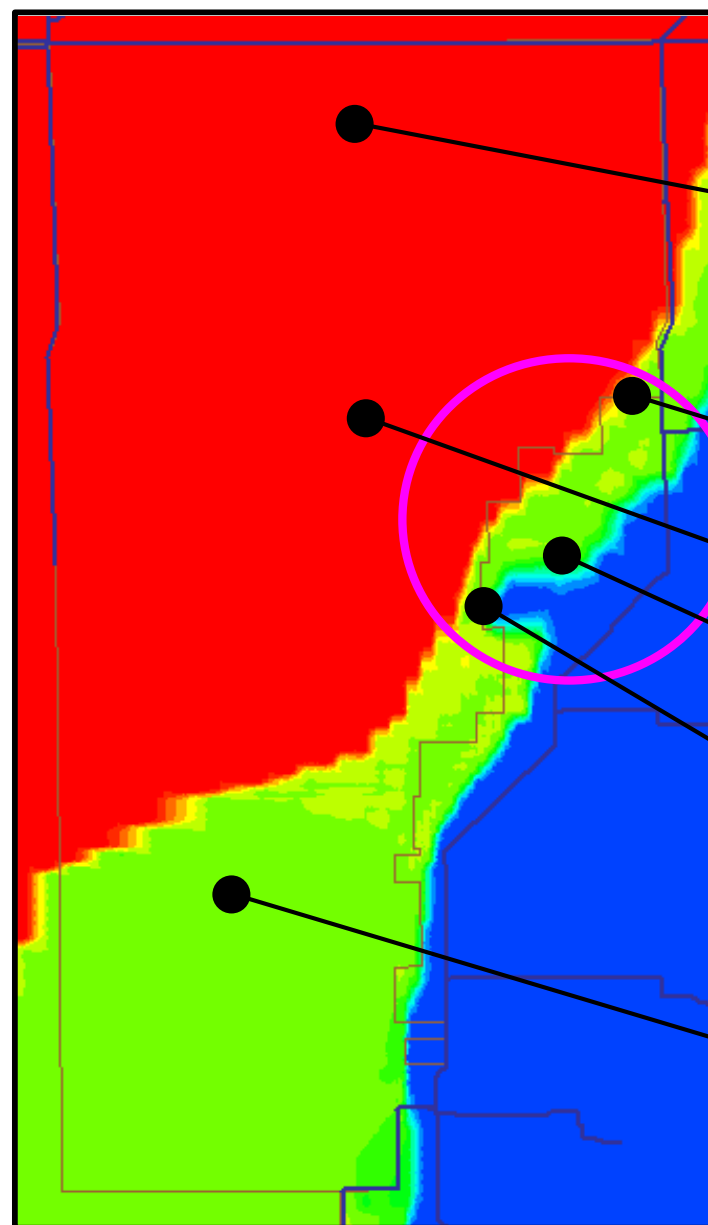
Future Conditions with
wet year & Plan 8A

Duration of Continuous Inundation
Depth > 0.2 ft

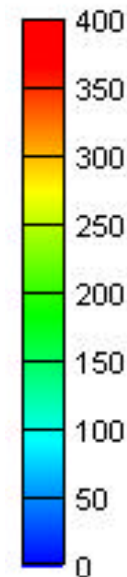
Figure 158

US Army Corps of Engineers
Jacksonville District

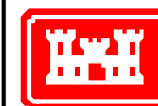
Note: D13R_plan8A_1995_95ops
Contours as shown on legend above



Number of
Days



Not to Scale



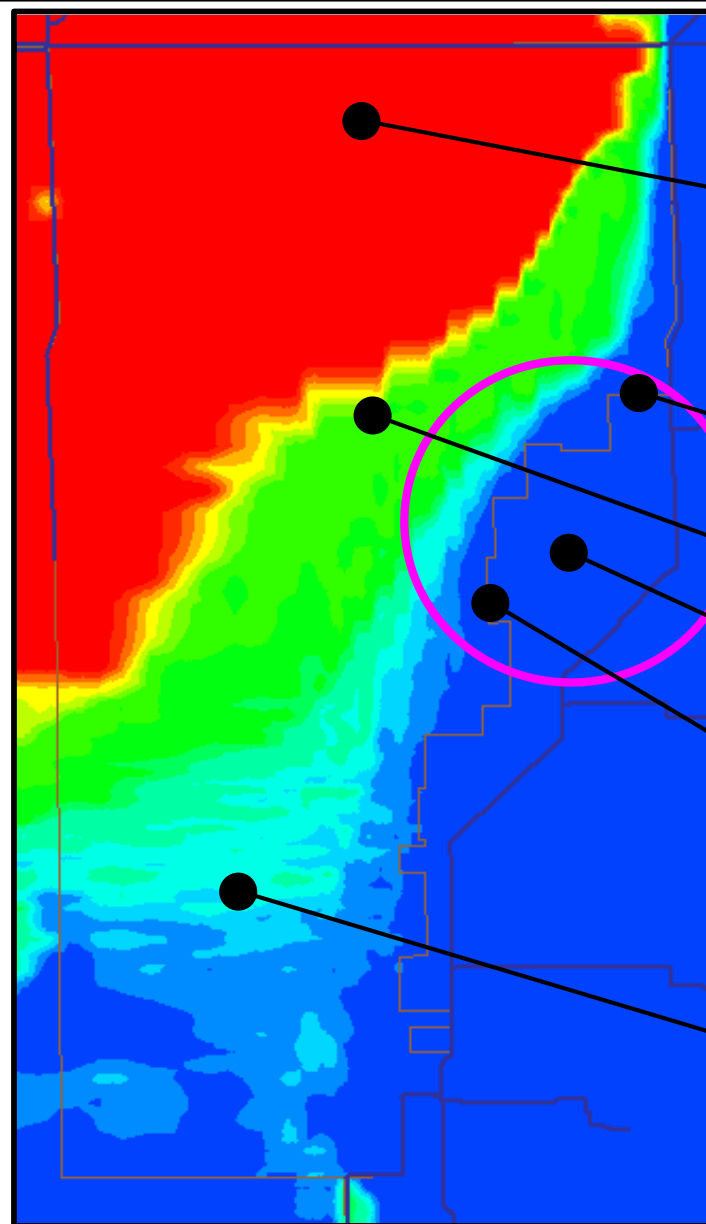
Future Conditions with
wet year & Plan 8A

Duration of Continuous Inundation
Depth > 0.0ft

Figure 158b

US Army Corps of Engineers
Jacksonville District

Note: D13R_plan8A_1995_95ops
Contours as shown on legend above



364 days

0 days

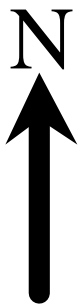
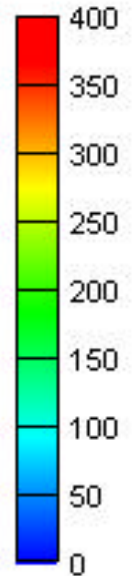
182 days

0 days

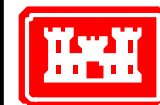
0 days

55 days

Number of
Days



Not to Scale



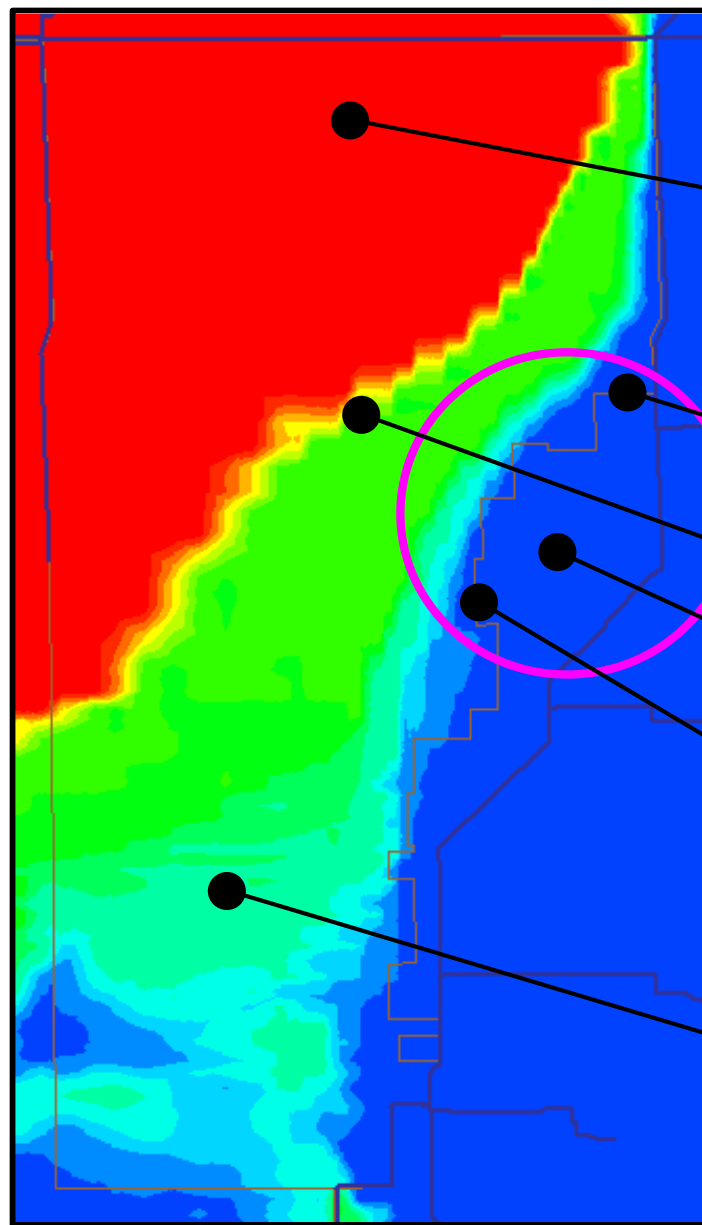
Future Conditions with
dry year & Plan 8A

Duration of Continuous Inundation
Depth > 0.2 ft

Figure 159

US Army Corps of Engineers
Jacksonville District

Note: D13R_plan8A_1989_95ops
Contours as shown on legend above



364 days

0 days

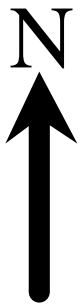
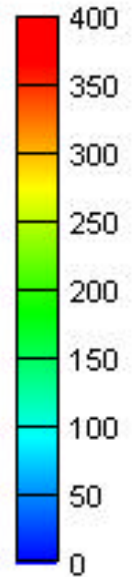
187 days

0 days

3 days

104 days

Number of
Days



Not to Scale



Future Conditions with
dry year & Plan 8A

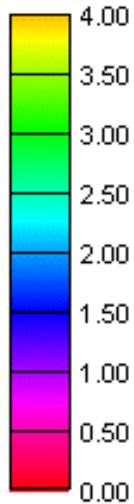
Duration of Continuous Inundation
Depth > 0.0 ft

Figure 159b

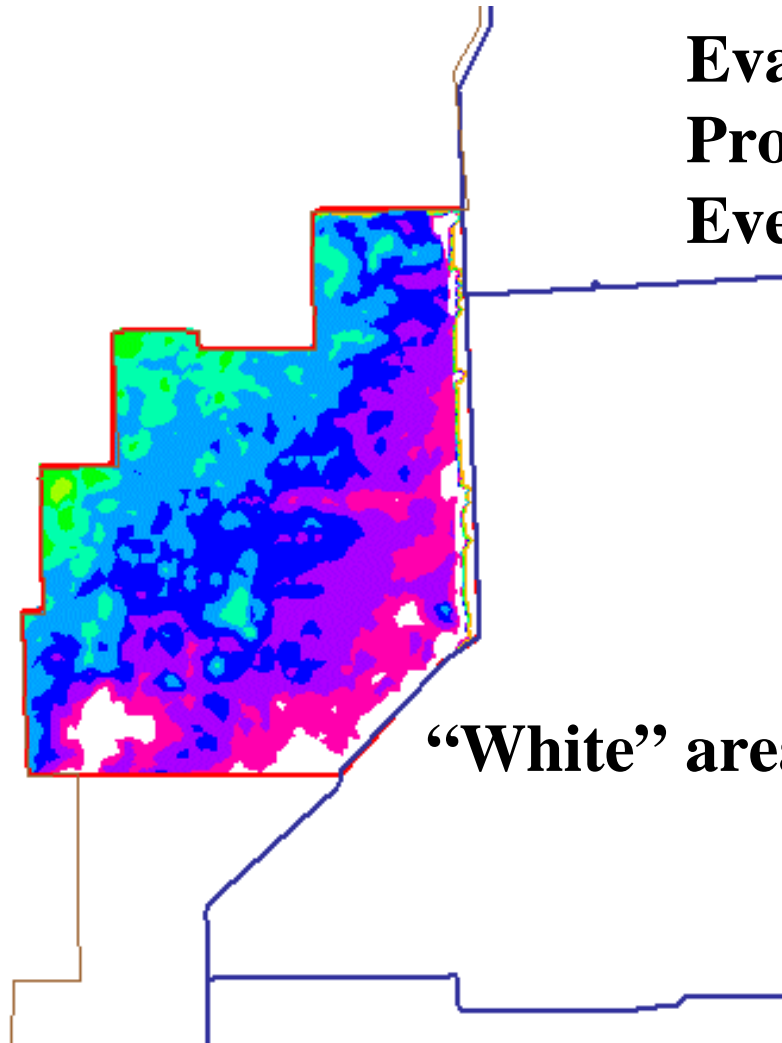
US Army Corps of Engineers
Jacksonville District

Note: D13R_plan8A_1989_95ops
Contours as shown on legend above

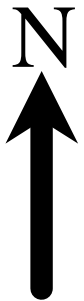
D13R_Pln8A_det_inundation



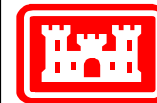
Evaluate Flood Protection for SPF Event



“White” areas are dry



Not to Scale



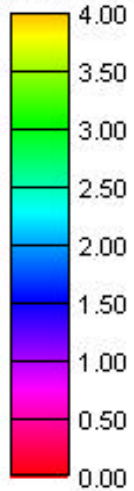
Inundation Map
Plan 8A - Week 26

Figure 160

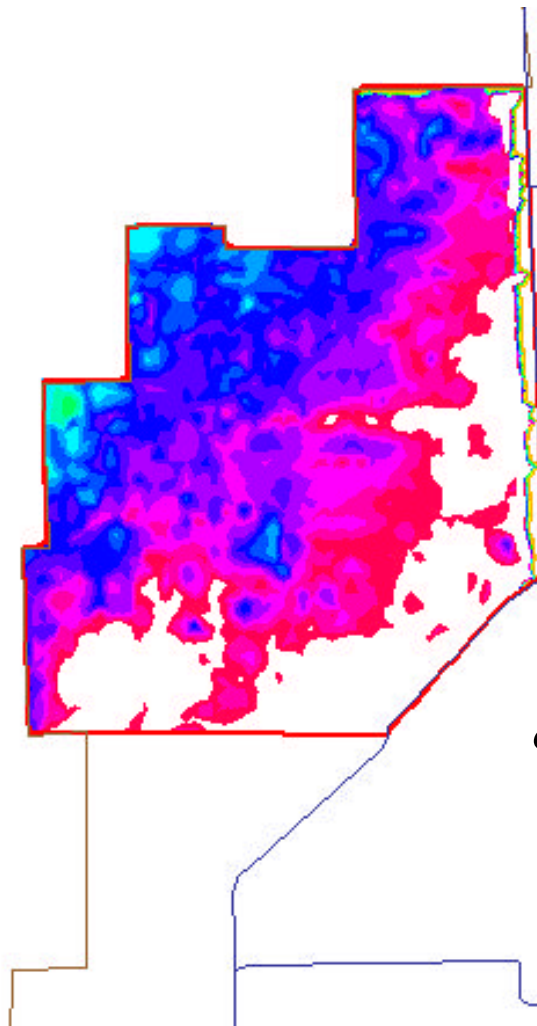
US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan8A_95_95ops
Contours as shown on Legend above

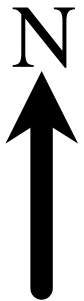
Pln8A-Ground



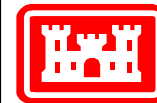
Evaluate 1 in 10 Yr Flood Protection



“White” areas are dry



Not to Scale



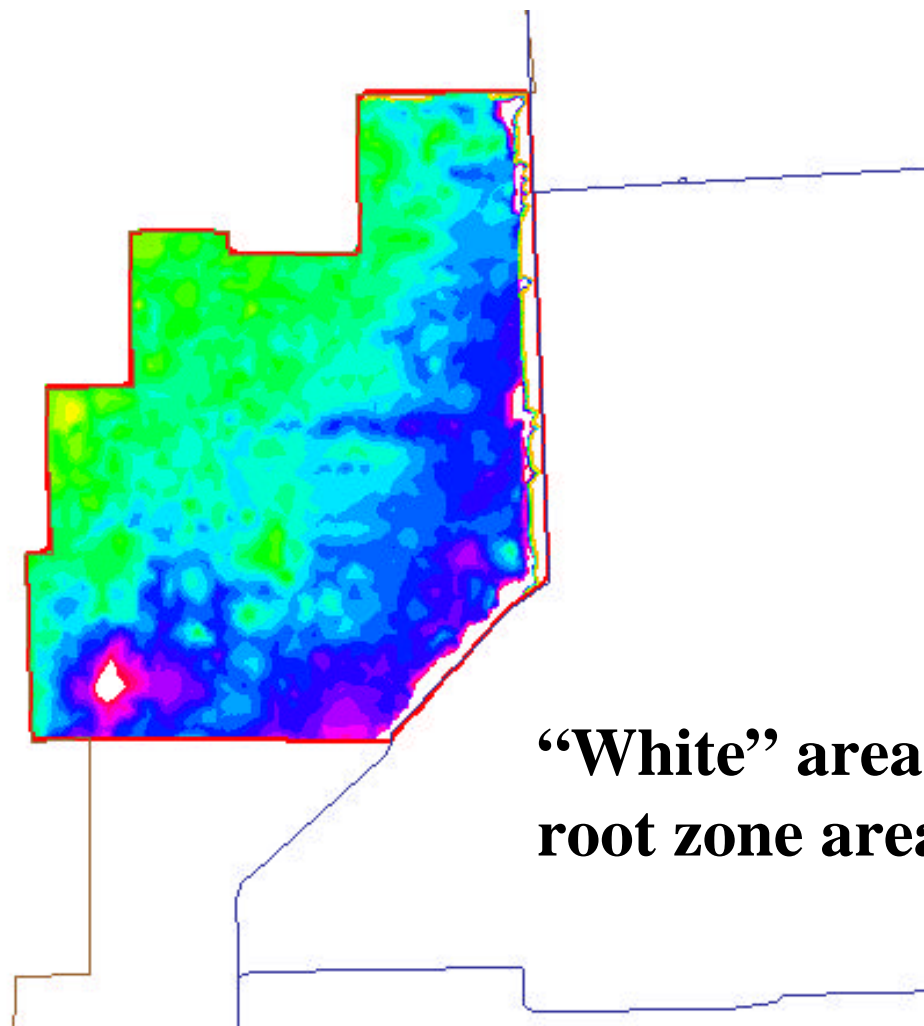
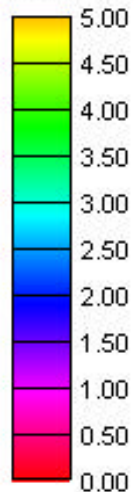
Inundation Map
Plan 8A - Week 23

Figure 160b

Note: D13Rbc_Plan8A_95_95ops
Contours as shown on Legend above

US Army Corps of Engineers
Jacksonville District

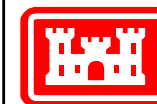
Pln8A-RootZone



**“White” areas indicate
root zone areas are dry**



Not to Scale



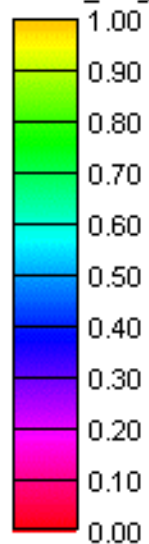
Root Zone Inundation
Map Plan 8A - Week
23

Figure 160c

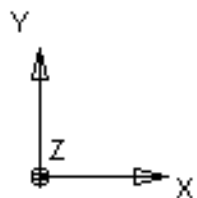
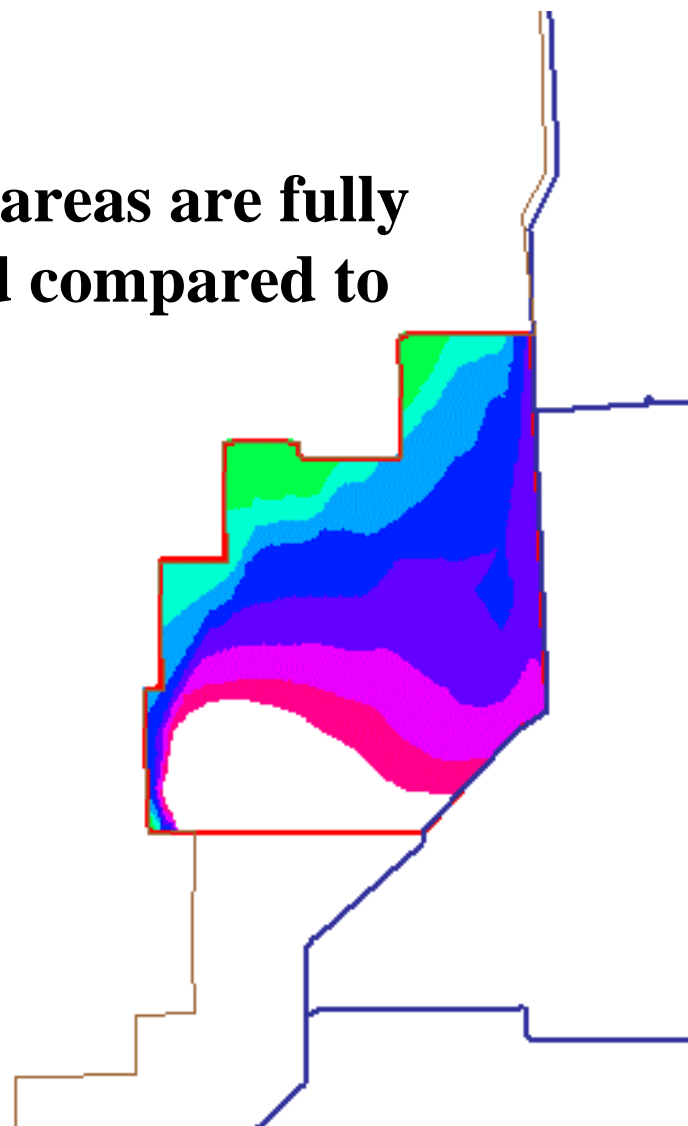
US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan8A_95_95ops
Contours as shown on Legend above

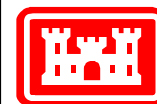
Pln8A_Mitigate



“White” areas are fully mitigated compared to Base 83



Not to Scale



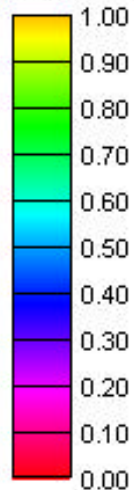
Mitigation Map
Plan 8A - Week 26

Figure 161

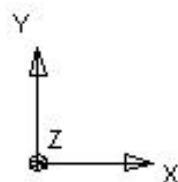
US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_Plan8A_95_95ops
Contours as shown on Legend above

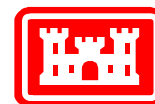
Pln8A-Bs95



“White” areas are fully mitigated compared to Base 95



Not to Scale

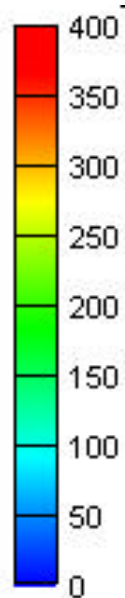
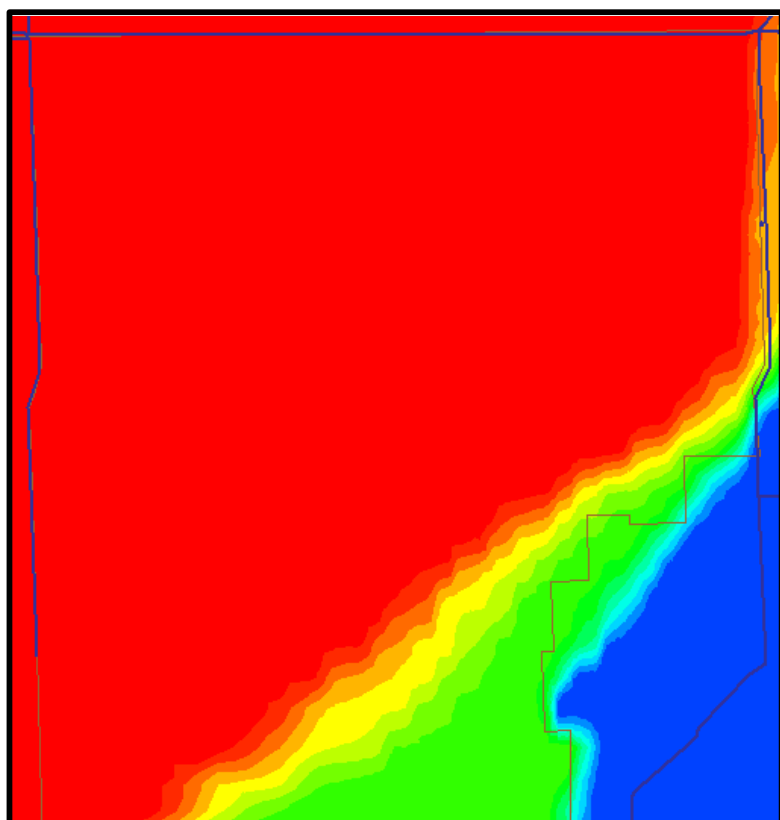


Mitigation Map
Plan 8A - Week 26

Figure 161b

US Army Corps of Engineers
Jacksonville District

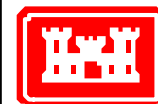
Note: D13Rbc_Plan8A_95_95ops
Contours as shown on Legend above



Hydroperiod



Not to Scale

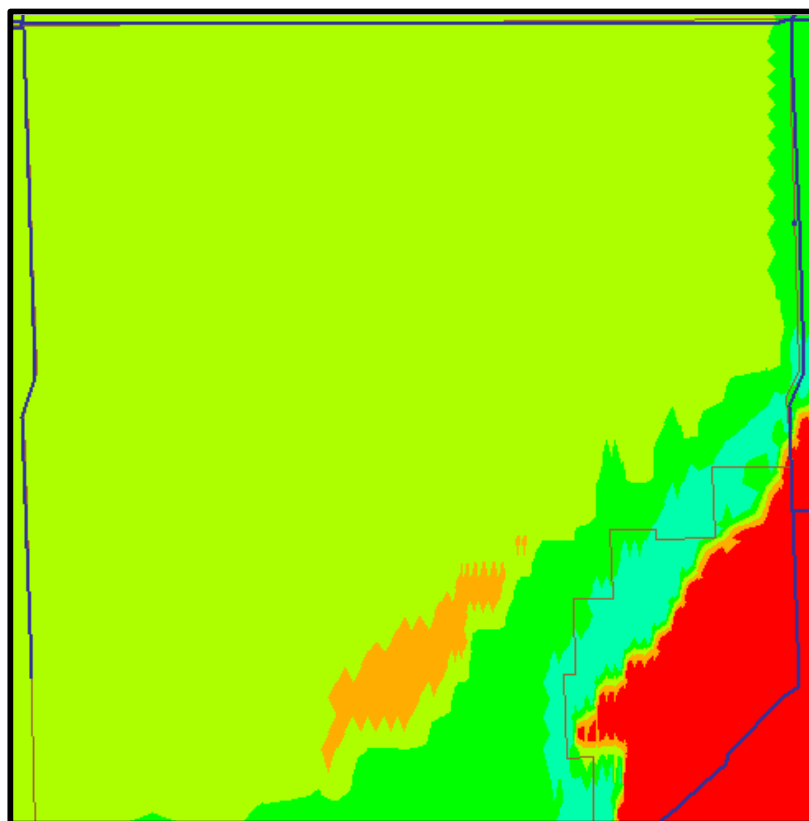


Future Conditions
with Plan 8A in place






Figure 162

Note: D13Rbc_plan8A_95ops

US Army Corps of Engineers
Jacksonville District

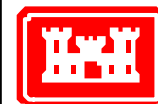


Extent of Wetlands

-  **Peat-Forming:** Depth > 2',
Hydroperiod > 180 days
-  **Peat-Forming:** -1' < Depth < +2',
Hydroperiod > 180 days
-  **Marl-Forming:** -1' < Depth < +2',
30 < Hydroperiod < 180 days
-  **Transitional**
-  **Upland**



Not to Scale



Future Conditions
with Plan 8A in place

Figure 163

US Army Corps of Engineers
Jacksonville District

Note: D13Rbc_plan8A_95ops

